

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042022\
 Data File : VN072116.D
 Acq On : 21 Apr 2022 07:31
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 21 07:54:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/21/2022
 Supervised By : Mahesh Dadoda 04/21/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.081	168	489403	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	782841	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	690903	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	302361	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	255789	45.782	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.560%		
35) Dibromofluoromethane	8.016	113	225704	48.996	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.000%		
50) Toluene-d8	10.439	98	831172	44.107	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	88.220%		
62) 4-Bromofluorobenzene	12.727	95	294062	48.250	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.500%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	252055	64.782	ug/l	96
3) Chloromethane	2.299	50	267930	54.343	ug/l	99
4) Vinyl Chloride	2.440	62	268882	49.661	ug/l	98
5) Bromomethane	2.822	94	157799	44.834	ug/l	97
6) Chloroethane	2.999	64	188436	48.379	ug/l	98
7) Trichlorofluoromethane	3.363	101	390869	56.742	ug/l	100
8) Diethyl Ether	3.822	74	172240	59.165	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.210	101	229278	54.012	ug/l	98
10) Methyl Iodide	4.416	142	344648	58.081	ug/l	100
11) Tert butyl alcohol	5.369	59	278183	306.810	ug/l	98
12) 1,1-Dichloroethene	4.181	96	232369	57.523	ug/l	95
13) Acrolein	4.040	56	237775	215.077	ug/l	99
14) Allyl chloride	4.834	41	345178	52.646	ug/l	94
15) Acrylonitrile	5.546	53	801371	304.072	ug/l	98
16) Acetone	4.281	43	579327	242.627	ug/l	95
17) Carbon Disulfide	4.528	76	561585	60.591	ug/l	99
18) Methyl Acetate	4.851	43	338933	57.551	ug/l	97
19) Methyl tert-butyl Ether	5.610	73	864186	57.585	ug/l	99
20) Methylene Chloride	5.093	84	287293	57.085	ug/l	96
21) trans-1,2-Dichloroethene	5.593	96	252852	57.019	ug/l	95
22) Diisopropyl ether	6.493	45	786021	55.068	ug/l	96
23) Vinyl Acetate	6.428	43	3337540	294.040	ug/l	98
24) 1,1-Dichloroethane	6.381	63	475923	56.797	ug/l	98
25) 2-Butanone	7.328	43	967641	281.111	ug/l	98
26) 2,2-Dichloropropane	7.322	77	256210	35.593	ug/l	94
27) cis-1,2-Dichloroethene	7.322	96	308623	56.754	ug/l	94
28) Bromochloromethane	7.651	49	162669	48.125	ug/l	93
29) Tetrahydrofuran	7.681	42	635585	285.160	ug/l	95
30) Chloroform	7.816	83	492422	55.655	ug/l	99
31) Cyclohexane	8.092	56	414656	54.573	ug/l	100
32) 1,1,1-Trichloroethane	8.010	97	424160	56.037	ug/l	98
36) 1,1-Dichloropropene	8.216	75	351897	54.703	ug/l	99
37) Ethyl Acetate	7.404	43	387751	55.070	ug/l	97
38) Carbon Tetrachloride	8.204	117	355929	56.456	ug/l	99
39) Methylcyclohexane	9.457	83	436831	57.046	ug/l	99
40) Benzene	8.457	78	1138164	56.009	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042022\
 Data File : VN072116.D
 Acq On : 21 Apr 2022 07:31
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/21/2022
 Supervised By : Mahesh Dadoda 04/21/2022

Quant Time: Apr 21 07:54:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	205093	59.489	ug/l	92
42) 1,2-Dichloroethane	8.528	62	366446	52.129	ug/l	97
43) Isopropyl Acetate	8.557	43	611391	52.205	ug/l	97
44) Trichloroethene	9.210	130	292345	55.841	ug/l	98
45) 1,2-Dichloropropane	9.486	63	285168	56.173	ug/l	99
46) Dibromomethane	9.575	93	191407	55.531	ug/l	97
47) Bromodichloromethane	9.757	83	375352	55.321	ug/l	99
48) Methyl methacrylate	9.557	41	284319	58.516	ug/l	93
49) 1,4-Dioxane	9.563	88	129822	1128.007	ug/l	98
51) 4-Methyl-2-Pentanone	10.328	43	1891809	280.959	ug/l	95
52) Toluene	10.498	92	702518	54.689	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	364936	51.319	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	416247	52.977	ug/l	94
55) 1,1,2-Trichloroethane	10.892	97	278195	52.621	ug/l	99
56) Ethyl methacrylate	10.757	69	443152	58.759	ug/l	92
57) 1,3-Dichloropropane	11.039	76	463019	52.382	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.034	63	627181	268.753	ug/l	99
59) 2-Hexanone	11.080	43	1307399	275.784	ug/l	95
60) Dibromochloromethane	11.233	129	297121	57.638	ug/l	99
61) 1,2-Dibromoethane	11.339	107	287607	55.266	ug/l	98
64) Tetrachloroethene	10.975	164	242886	53.238	ug/l	98
65) Chlorobenzene	11.763	112	767813	55.500	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.833	131	278294	55.747	ug/l	99
67) Ethyl Benzene	11.839	91	1327053	56.664	ug/l	99
68) m/p-Xylenes	11.951	106	1037550	115.304	ug/l	99
69) o-Xylene	12.275	106	528111	59.129	ug/l	97
70) Styrene	12.292	104	839273	62.019	ug/l	99
71) Bromoform	12.451	173	236183	62.128	ug/l #	99
73) Isopropylbenzene	12.575	105	1319953	51.805	ug/l	99
74) N-amyl acetate	12.380	43	392368	53.747	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.822	83	418742	49.256	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	310678m	44.355	ug/l	
77) Bromobenzene	12.857	156	332965	52.130	ug/l	95
78) n-propylbenzene	12.916	91	1448657	54.051	ug/l	99
79) 2-Chlorotoluene	13.004	91	921282	53.599	ug/l	100
80) 1,3,5-Trimethylbenzene	13.057	105	1125460	55.751	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.622	75	105591	46.717	ug/l	95
82) 4-Chlorotoluene	13.098	91	862909	54.161	ug/l	99
83) tert-Butylbenzene	13.316	119	1027316	55.671	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	1096593	55.674	ug/l	99
85) sec-Butylbenzene	13.498	105	1351506	56.497	ug/l	99
86) p-Isopropyltoluene	13.610	119	1095727	57.447	ug/l	100
87) 1,3-Dichlorobenzene	13.610	146	551651	54.212	ug/l	99
88) 1,4-Dichlorobenzene	13.686	146	529697	53.357	ug/l	99
89) n-Butylbenzene	13.939	91	777931	54.990	ug/l	99
90) Hexachloroethane	14.204	117	196975	56.415	ug/l	95
91) 1,2-Dichlorobenzene	13.986	146	537655	53.821	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	75899	57.558	ug/l	94
93) 1,2,4-Trichlorobenzene	15.257	180	262029	54.267	ug/l	99
94) Hexachlorobutadiene	15.363	225	144270	48.966	ug/l	98
95) Naphthalene	15.498	128	819820	58.816	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	266531	56.831	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042022\
Data File : VN072116.D
Acq On : 21 Apr 2022 07:31
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 53 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

Quant Time: Apr 21 07:54:09 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 31 01:57:54 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042022\
 Data File : VN072116.D
 Acq On : 21 Apr 2022 07:31
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 21 07:54:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/21/2022
 Supervised By : Mahesh Dadoda 04/21/2022

