

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033022\
 Data File : VN071697.D
 Acq On : 31 Mar 2022 07:21
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 31 07:49:08 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 03/31/2022
 Supervised By : Mahesh Dadoda 04/01/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	565946	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	907225	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	836882	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	340586	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	358533	55.492	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	110.980%
35) Dibromofluoromethane	8.016	113	300543	56.297	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	112.600%
50) Toluene-d8	10.439	98	1211210	55.462	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	110.920%
62) 4-Bromofluorobenzene	12.727	95	402836	57.035	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	114.080%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.069	85	218197	48.496	ug/l 98
3) Chloromethane	2.299	50	261393	45.847	ug/l 98
4) Vinyl Chloride	2.440	62	297851	47.571	ug/l 98
5) Bromomethane	2.834	94	180201	44.274	ug/l 96
6) Chloroethane	3.005	64	213026	47.295	ug/l 99
7) Trichlorofluoromethane	3.369	101	370731	46.540	ug/l 98
8) Diethyl Ether	3.822	74	167996	49.902	ug/l 100
9) 1,1,2-Trichlorotrifluo...	4.210	101	225656	45.969	ug/l 98
10) Methyl Iodide	4.422	142	324357	47.269	ug/l 100
11) Tert butyl alcohol	5.363	59	305928	291.776	ug/l 100
12) 1,1-Dichloroethene	4.187	96	223856	47.921	ug/l 92
13) Acrolein	4.034	56	377531	295.305	ug/l 98
14) Allyl chloride	4.840	41	368288	48.574	ug/l 95
15) Acrylonitrile	5.551	53	832450	273.145	ug/l 99
16) Acetone	4.281	43	664483	240.653	ug/l 96
17) Carbon Disulfide	4.528	76	477414	44.543	ug/l 100
18) Methyl Acetate	4.851	43	363263	53.225	ug/l 100
19) Methyl tert-butyl Ether	5.616	73	874432	50.387	ug/l 98
20) Methylene Chloride	5.093	84	278186	47.800	ug/l 98
21) trans-1,2-Dichloroethene	5.598	96	240755	46.948	ug/l 99
22) Diisopropyl ether	6.492	45	827150	50.112	ug/l 98
23) Vinyl Acetate	6.428	43	3573279	272.232	ug/l 100
24) 1,1-Dichloroethane	6.381	63	481004	49.640	ug/l 99
25) 2-Butanone	7.328	43	1070582	268.952	ug/l 99
26) 2,2-Dichloropropane	7.322	77	317723	38.169	ug/l 99
27) cis-1,2-Dichloroethene	7.322	96	307972	48.974	ug/l 96
28) Bromochloromethane	7.657	49	190754	48.801	ug/l 97
29) Tetrahydrofuran	7.681	42	706440	274.083	ug/l 99
30) Chloroform	7.816	83	494277	48.309	ug/l 99
31) Cyclohexane	8.092	56	398050	45.303	ug/l 95
32) 1,1,1-Trichloroethane	8.010	97	420122	47.997	ug/l 99
36) 1,1-Dichloropropene	8.222	75	349058	46.822	ug/l 100
37) Ethyl Acetate	7.404	43	429270	52.608	ug/l 100
38) Carbon Tetrachloride	8.204	117	347936	47.621	ug/l 99
39) Methylcyclohexane	9.457	83	414983	46.763	ug/l 98
40) Benzene	8.457	78	1108663	47.077	ug/l 98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033022\
 Data File : VN071697.D
 Acq On : 31 Mar 2022 07:21
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/31/2022
 Supervised By : Mahesh Dadoda 04/01/2022

Quant Time: Mar 31 07:49:08 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	7.628	41	196462	49.173	ug/l	99
42) 1,2-Dichloroethane	8.528	62	382489	46.951	ug/l	98
43) Isopropyl Acetate	8.557	43	760444	56.030	ug/l	94
44) Trichloroethene	9.210	130	285152	46.999	ug/l	100
45) 1,2-Dichloropropane	9.486	63	284793	48.408	ug/l	99
46) Dibromomethane	9.575	93	191916	48.045	ug/l	99
47) Bromodichloromethane	9.757	83	391467	49.785	ug/l	100
48) Methyl methacrylate	9.557	41	302708	53.759	ug/l	97
49) 1,4-Dioxane	9.563	88	142481	1067.524	ug/l	98
51) 4-Methyl-2-Pentanone	10.328	43	2127170	272.601	ug/l	99
52) Toluene	10.498	92	725612	48.743	ug/l	100
53) t-1,3-Dichloropropene	10.716	75	408453	49.564	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	446951	49.085	ug/l	97
55) 1,1,2-Trichloroethane	10.892	97	296660	48.421	ug/l	99
56) Ethyl methacrylate	10.757	69	473590	54.185	ug/l	97
57) 1,3-Dichloropropane	11.039	76	503366	49.139	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	636902	237.600	ug/l	100
59) 2-Hexanone	11.080	43	1562741	284.451	ug/l	98
60) Dibromochloromethane	11.233	129	304611	50.990	ug/l	99
61) 1,2-Dibromoethane	11.339	107	302011	50.077	ug/l	99
64) Tetrachloroethene	10.975	164	242159	43.820	ug/l	96
65) Chlorobenzene	11.763	112	788659	47.063	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	289447	47.868	ug/l	99
67) Ethyl Benzene	11.839	91	1386831	48.887	ug/l	99
68) m/p-Xylenes	11.945	106	1067144	97.906	ug/l	99
69) o-Xylene	12.274	106	540799	49.988	ug/l	98
70) Styrene	12.292	104	861763	52.573	ug/l	100
71) Bromoform	12.457	173	238174	51.723	ug/l #	100
73) Isopropylbenzene	12.574	105	1372349	47.817	ug/l	99
74) N-amyl acetate	12.380	43	450399	54.772	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.822	83	452165	47.218	ug/l	100
76) 1,2,3-Trichloropropane	12.874	75	347630m	44.060	ug/l	
77) Bromobenzene	12.857	156	327563	45.528	ug/l	99
78) n-propylbenzene	12.916	91	1480411	49.036	ug/l	100
79) 2-Chlorotoluene	13.004	91	914873	47.253	ug/l	100
80) 1,3,5-Trimethylbenzene	13.057	105	1105800	48.629	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.622	75	127482	50.072	ug/l	97
82) 4-Chlorotoluene	13.098	91	855380	47.663	ug/l	99
83) tert-Butylbenzene	13.321	119	1002833	48.245	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	1078245	48.598	ug/l	99
85) sec-Butylbenzene	13.498	105	1333209	49.477	ug/l	100
86) p-Isopropyltoluene	13.610	119	1076677	50.113	ug/l	100
87) 1,3-Dichlorobenzene	13.610	146	539753	47.090	ug/l	100
88) 1,4-Dichlorobenzene	13.692	146	521297	46.373	ug/l	99
89) n-Butylbenzene	13.939	91	786561	49.360	ug/l	100
90) Hexachloroethane	14.204	117	197337	50.175	ug/l	97
91) 1,2-Dichlorobenzene	13.986	146	525353	46.687	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	80661	54.304	ug/l	100
93) 1,2,4-Trichlorobenzene	15.257	180	248383	45.998	ug/l	99
94) Hexachlorobutadiene	15.363	225	137098	41.310	ug/l	99
95) Naphthalene	15.504	128	776218	50.044	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	248631	47.479	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033022\
Data File : VN071697.D
Acq On : 31 Mar 2022 07:21
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 54 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

Quant Time: Mar 31 07:49:08 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

