

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032822\
 Data File : VN071624.D
 Acq On : 28 Mar 2022 23:57
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 29 09:52:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 29 09:32:37 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/29/2022
 Supervised By : Mahesh Dadoda 03/30/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	632997	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1013132	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	923679	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	381072	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	373545	49.217	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.440%
35) Dibromofluoromethane	8.016	113	301978	48.533	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.060%
50) Toluene-d8	10.439	98	1256129	48.942	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.880%
62) 4-Bromofluorobenzene	12.727	95	410541	49.033	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	98.060%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.069	85	287417	46.350	ug/l	97
3) Chloromethane	2.299	50	331718	45.458	ug/l	99
4) Vinyl Chloride	2.446	62	383749	47.338	ug/l	100
5) Bromomethane	2.840	94	242933	51.002	ug/l	95
6) Chloroethane	3.010	64	254090	49.506	ug/l	99
7) Trichlorofluoromethane	3.375	101	461939	47.811	ug/l	99
8) Diethyl Ether	3.822	74	203175	50.539	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.210	101	279759	47.658	ug/l	99
10) Methyl Iodide	4.422	142	416385	48.090	ug/l	100
11) Tert butyl alcohol	5.357	59	320433	239.101	ug/l	100
12) 1,1-Dichloroethene	4.181	96	273541	48.143	ug/l	97
13) Acrolein	4.034	56	278259	248.840	ug/l	100
14) Allyl chloride	4.840	41	444781	49.044	ug/l	99
15) Acrylonitrile	5.545	53	939116	250.903	ug/l	99
16) Acetone	4.281	43	737768	235.800	ug/l	98
17) Carbon Disulfide	4.534	76	634033	44.805	ug/l	98
18) Methyl Acetate	4.851	43	406679	50.177	ug/l	99
19) Methyl tert-butyl Ether	5.610	73	1029704	49.627	ug/l	97
20) Methylene Chloride	5.098	84	330870	47.843	ug/l	98
21) trans-1,2-Dichloroethene	5.592	96	298938	49.194	ug/l	93
22) Diisopropyl ether	6.492	45	973660	50.224	ug/l	97
23) Vinyl Acetate	6.428	43	4229135	258.585	ug/l	100
24) 1,1-Dichloroethane	6.381	63	566463	49.066	ug/l	98
25) 2-Butanone	7.328	43	1223240	251.166	ug/l	97
26) 2,2-Dichloropropane	7.322	77	452110	45.564	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	367537	49.215	ug/l	98
28) Bromochloromethane	7.651	49	232219	49.796	ug/l	98
29) Tetrahydrofuran	7.681	42	815184	257.846	ug/l	100
30) Chloroform	7.816	83	588347	49.725	ug/l	100
31) Cyclohexane	8.092	56	489316	46.165	ug/l	99
32) 1,1,1-Trichloroethane	8.010	97	509575	49.652	ug/l	99
36) 1,1-Dichloropropene	8.216	75	424613	47.470	ug/l	100
37) Ethyl Acetate	7.404	43	486854	49.776	ug/l	99
38) Carbon Tetrachloride	8.204	117	428790	48.372	ug/l	99
39) Methylcyclohexane	9.457	83	524666	47.424	ug/l	98
40) Benzene	8.457	78	1331032	48.466	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032822\
 Data File : VN071624.D
 Acq On : 28 Mar 2022 23:57
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/29/2022
 Supervised By : Mahesh Dadoda 03/30/2022

Quant Time: Mar 29 09:52:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 29 09:32:37 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	233776	49.143	ug/l	98
42) 1,2-Dichloroethane	8.528	62	459178	48.374	ug/l	100
43) Isopropyl Acetate	8.557	43	772156	48.306	ug/l	99
44) Trichloroethene	9.210	130	348638	48.299	ug/l	100
45) 1,2-Dichloropropane	9.486	63	332048	49.079	ug/l	99
46) Dibromomethane	9.575	93	224780	48.546	ug/l	98
47) Bromodichloromethane	9.757	83	466004	51.079	ug/l	98
48) Methyl methacrylate	9.557	41	362058	51.397	ug/l	99
49) 1,4-Dioxane	9.563	88	148642	958.386	ug/l	98
51) 4-Methyl-2-Pentanone	10.322	43	2460127	256.527	ug/l	100
52) Toluene	10.498	92	871242	49.331	ug/l	100
53) t-1,3-Dichloropropene	10.710	75	497131	50.125	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	547156	50.708	ug/l	98
55) 1,1,2-Trichloroethane	10.892	97	351664	49.446	ug/l	99
56) Ethyl methacrylate	10.757	69	554581	52.183	ug/l	99
57) 1,3-Dichloropropane	11.039	76	592370	49.892	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.033	63	661391	205.901	ug/l	100
59) 2-Hexanone	11.080	43	1775260	258.757	ug/l	100
60) Dibromochloromethane	11.233	129	363761	51.004	ug/l	100
61) 1,2-Dibromoethane	11.339	107	359927	49.989	ug/l	100
64) Tetrachloroethene	10.974	164	298809	46.742	ug/l	98
65) Chlorobenzene	11.763	112	936647	48.597	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.833	131	344572	49.815	ug/l	99
67) Ethyl Benzene	11.839	91	1656548	49.781	ug/l	99
68) m/p-Xylenes	11.951	106	1282541	101.455	ug/l	100
69) o-Xylene	12.274	106	643872	50.692	ug/l	99
70) Styrene	12.286	104	1026727	52.947	ug/l	99
71) Bromoform	12.451	173	281482	51.706	ug/l	100
73) Isopropylbenzene	12.574	105	1637669	49.132	ug/l	100
74) N-amyl acetate	12.380	43	514331	50.825	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.821	83	530547	47.552	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	452897m	49.497	ug/l	
77) Bromobenzene	12.857	156	391362	46.691	ug/l	99
78) n-propylbenzene	12.916	91	1769839	49.248	ug/l	99
79) 2-Chlorotoluene	13.004	91	1088233	48.355	ug/l	99
80) 1,3,5-Trimethylbenzene	13.051	105	1318383	50.102	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.621	75	152160	48.000	ug/l	98
82) 4-Chlorotoluene	13.098	91	1029106	49.026	ug/l	100
83) tert-Butylbenzene	13.316	119	1203973	49.854	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	1275866	49.507	ug/l	100
85) sec-Butylbenzene	13.498	105	1588525	49.788	ug/l	100
86) p-Isopropyltoluene	13.610	119	1287915	50.803	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	641553	47.407	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	621520	46.267	ug/l	98
89) n-Butylbenzene	13.939	91	950124	49.600	ug/l	100
90) Hexachloroethane	14.204	117	235534	49.478	ug/l	99
91) 1,2-Dichlorobenzene	13.986	146	620117	46.776	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	92579	47.999	ug/l	99
93) 1,2,4-Trichlorobenzene	15.257	180	290822	49.670	ug/l	100
94) Hexachlorobutadiene	15.362	225	170458	46.199	ug/l	99
95) Naphthalene	15.498	128	835322	44.798	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	288399	49.190	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032822\
Data File : VN071624.D
Acq On : 28 Mar 2022 23:57
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/30/2022

Quant Time: Mar 29 09:52:59 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032822W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 29 09:32:37 2022
Response via : Initial Calibration

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

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

