

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121422\
 Data File : VN075766.D
 Acq On : 14 Dec 2022 12:08
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/15/2022
 Supervised By : Mahesh Dadoda 12/15/2022

Quant Time: Dec 14 12:29:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 11:45:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	284752	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	457796	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	418074	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	213417	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	158768	52.550	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.100%			
35) Dibromofluoromethane	8.171	113	143878	51.512	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.020%			
50) Toluene-d8	10.571	98	548557	52.297	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.600%			
62) 4-Bromofluorobenzene	12.853	95	189613	52.871	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.740%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.136	85	100612	48.040	ug/l	99
3) Chloromethane	2.371	50	118589	47.526	ug/l	100
4) Vinyl Chloride	2.524	62	147196	48.024	ug/l	98
5) Bromomethane	2.942	94	126816	48.580	ug/l	95
6) Chloroethane	3.118	64	108631	47.501	ug/l	98
7) Trichlorofluoromethane	3.501	101	228718	51.432	ug/l	97
8) Diethyl Ether	3.971	74	85841	52.800	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.383	101	131660	50.447	ug/l	100
10) Methyl Iodide	4.600	142	216809	50.836	ug/l	100
11) Tert butyl alcohol	5.536	59	110899	248.115	ug/l	100
12) 1,1-Dichloroethene	4.348	96	127370	52.213	ug/l	97
13) Acrolein	4.189	56	137477	267.063	ug/l	99
14) Allyl chloride	5.036	41	163608	53.857	ug/l	91
15) Acrylonitrile	5.724	53	299916	259.776	ug/l	100
16) Acetone	4.442	43	250831	245.149	ug/l	96
17) Carbon Disulfide	4.718	76	305896	47.390	ug/l	98
18) Methyl Acetate	5.036	43	156930	47.731	ug/l	98
19) Methyl tert-butyl Ether	5.806	73	442706	53.950	ug/l	95
20) Methylene Chloride	5.289	84	144894	47.503	ug/l	98
21) trans-1,2-Dichloroethene	5.794	96	138655	50.862	ug/l	98
22) Diisopropyl ether	6.683	45	378884	54.817	ug/l	99
23) Vinyl Acetate	6.612	43	1302041	247.043	ug/l	100
24) 1,1-Dichloroethane	6.577	63	239856	52.719	ug/l	98
25) 2-Butanone	7.488	43	380820	254.603	ug/l	94
26) 2,2-Dichloropropane	7.494	77	210082	54.140	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	171602	51.851	ug/l	99
28) Bromochloromethane	7.824	49	103792	57.057	ug/l	98
29) Tetrahydrofuran	7.841	42	245946	266.774	ug/l	100
30) Chloroform	7.971	83	271201	53.816	ug/l	96
31) Cyclohexane	8.265	56	208832	46.684	ug/l	93
32) 1,1,1-Trichloroethane	8.171	97	249465	53.656	ug/l	99
36) 1,1-Dichloropropene	8.377	75	197762	53.323	ug/l	98
37) Ethyl Acetate	7.565	43	154135	51.763	ug/l	99
38) Carbon Tetrachloride	8.365	117	221335	51.717	ug/l	99
39) Methylcyclohexane	9.606	83	251543	53.487	ug/l	100
40) Benzene	8.612	78	596986	52.450	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121422\
 Data File : VN075766.D
 Acq On : 14 Dec 2022 12:08
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/15/2022
 Supervised By : Mahesh Dadoda 12/15/2022

Quant Time: Dec 14 12:29:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 11:45:57 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	86015	56.335	ug/l	95
42) 1,2-Dichloroethane	8.677	62	199798	52.475	ug/l	99
43) Isopropyl Acetate	8.694	43	267942	53.899	ug/l	99
44) Trichloroethene	9.359	130	159905	49.799	ug/l	90
45) 1,2-Dichloropropane	9.624	63	144377	53.334	ug/l	99
46) Dibromomethane	9.712	93	109354	53.806	ug/l	97
47) Bromodichloromethane	9.888	83	216599	54.355	ug/l	95
48) Methyl methacrylate	9.682	41	124860	54.535	ug/l	99
49) 1,4-Dioxane	9.700	88	59144	1062.681	ug/l	99
51) 4-Methyl-2-Pentanone	10.447	43	819196	267.246	ug/l	99
52) Toluene	10.635	92	402573	53.511	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	226016	57.429	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	241731	55.207	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	155581	52.597	ug/l	97
56) Ethyl methacrylate	10.876	69	224223	55.943	ug/l	99
57) 1,3-Dichloropropane	11.165	76	254517	53.235	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	343661	290.398	ug/l	99
59) 2-Hexanone	11.200	43	604830	271.588	ug/l	99
60) Dibromochloromethane	11.359	129	179339	55.097	ug/l	99
61) 1,2-Dibromoethane	11.471	107	162818	52.538	ug/l	99
64) Tetrachloroethene	11.106	164	142118	46.669	ug/l	98
65) Chlorobenzene	11.894	112	433637	50.411	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	166488	53.197	ug/l	99
67) Ethyl Benzene	11.965	91	779318	53.554	ug/l	97
68) m/p-Xylenes	12.076	106	619498	105.359	ug/l	100
69) o-Xylene	12.400	106	307766	53.939	ug/l	99
70) Styrene	12.412	104	506960	55.398	ug/l	99
71) Bromoform	12.582	173	130297	54.926	ug/l #	98
73) Isopropylbenzene	12.700	105	801831	52.326	ug/l	100
74) N-amyl acetate	12.494	43	247755	55.645	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	227193	49.356	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	217308m	50.703	ug/l	
77) Bromobenzene	12.982	156	191438	49.677	ug/l	97
78) n-propylbenzene	13.041	91	912282	53.651	ug/l	100
79) 2-Chlorotoluene	13.129	91	536845	51.139	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	677859	52.911	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	65936	57.582	ug/l	97
82) 4-Chlorotoluene	13.129	91	536845	51.139	ug/l	99
83) tert-Butylbenzene	13.441	119	601624	51.784	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	682904	53.036	ug/l	99
85) sec-Butylbenzene	13.617	105	852518	53.376	ug/l	99
86) p-Isopropyltoluene	13.729	119	731672	54.750	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	366180	50.810	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	363199	49.546	ug/l	100
89) n-Butylbenzene	14.059	91	605071	56.489	ug/l	99
90) Hexachloroethane	14.335	117	128040	55.935	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	359849	50.179	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	41215	54.488	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	192513	55.915	ug/l	99
94) Hexachlorobutadiene	15.506	225	101816	52.121	ug/l	99
95) Naphthalene	15.641	128	558307	54.866	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	185018	54.689	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121422\
 Data File : VN075766.D
 Acq On : 14 Dec 2022 12:08
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/15/2022
 Supervised By : Mahesh Dadoda 12/15/2022

Quant Time: Dec 14 12:29:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 11:45:57 2022
 Response via : Initial Calibration

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

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

