

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030823\
 Data File : VN076881.D
 Acq On : 08 Mar 2023 15:48
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/09/2023
 Supervised By : Mahesh Dadoda 03/09/2023

Quant Time: Mar 09 03:21:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 07 08:45:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	598836	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.101	114	1034155	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	913064	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	416728	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	368074	43.840	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	87.680%		
35) Dibromofluoromethane	8.172	113	293757	45.407	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.820%		
50) Toluene-d8	10.566	98	1193551	47.886	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.780%		
62) 4-Bromofluorobenzene	12.854	95	428235	49.583	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.160%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.137	85	322886	46.338	ug/l	98
3) Chloromethane	2.378	50	360768	39.364	ug/l	97
4) Vinyl Chloride	2.531	62	333404	39.689	ug/l	98
5) Bromomethane	2.954	94	209282	37.914	ug/l	95
6) Chloroethane	3.131	64	204720	41.437	ug/l	99
7) Trichlorofluoromethane	3.507	101	560349	45.717	ug/l	99
8) Diethyl Ether	3.972	74	228900	48.548	ug/l	73
9) 1,1,2-Trichlorotrifluo...	4.384	101	335884	46.868	ug/l	100
10) Methyl Iodide	4.607	142	393302	52.618	ug/l	99
11) Tert butyl alcohol	5.531	59	266681	213.901	ug/l	99
12) 1,1-Dichloroethene	4.354	96	315785	47.254	ug/l	94
13) Acrolein	4.190	56	302646	187.645	ug/l	99
14) Allyl chloride	5.037	41	505003	45.264	ug/l #	78
15) Acrylonitrile	5.725	53	881301	219.802	ug/l	99
16) Acetone	4.437	43	869675	237.303	ug/l	98
17) Carbon Disulfide	4.725	76	839009	46.246	ug/l	97
18) Methyl Acetate	5.031	43	536127	42.692	ug/l #	87
19) Methyl tert-butyl Ether	5.807	73	1080258	47.141	ug/l	98
20) Methylene Chloride	5.284	84	365600	42.757	ug/l #	83
21) trans-1,2-Dichloroethene	5.801	96	338453	46.841	ug/l	87
22) Diisopropyl ether	6.678	45	1173451	46.750	ug/l #	94
23) Vinyl Acetate	6.613	43	3705488	231.763	ug/l #	91
24) 1,1-Dichloroethane	6.578	63	665053	46.464	ug/l	98
25) 2-Butanone	7.489	43	1191900	222.639	ug/l #	86
26) 2,2-Dichloropropane	7.495	77	520067	49.615	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	393026	46.432	ug/l	87
28) Bromochloromethane	7.819	49	271826	44.910	ug/l #	78
29) Tetrahydrofuran	7.842	42	751909	217.721	ug/l #	80
30) Chloroform	7.972	83	655772	46.129	ug/l	96
31) Cyclohexane	8.260	56	616771	43.487	ug/l	88
32) 1,1,1-Trichloroethane	8.172	97	568732	46.199	ug/l	98
36) 1,1-Dichloropropene	8.377	75	494419	47.550	ug/l	97
37) Ethyl Acetate	7.566	43	461097	43.203	ug/l	93
38) Carbon Tetrachloride	8.366	117	496839	47.036	ug/l	97
39) Methylcyclohexane	9.601	83	637102	49.709	ug/l #	86
40) Benzene	8.613	78	1501186	47.395	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030823\
 Data File : VN076881.D
 Acq On : 08 Mar 2023 15:48
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/09/2023
 Supervised By : Mahesh Dadoda 03/09/2023

Quant Time: Mar 09 03:21:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 07 08:45:33 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	254165	43.609	ug/l #	86
42) 1,2-Dichloroethane	8.677	62	496890	45.034	ug/l	96
43) Isopropyl Acetate	8.689	43	746899	45.712	ug/l #	92
44) Trichloroethene	9.354	130	374194	49.826	ug/l	96
45) 1,2-Dichloropropane	9.624	63	392508	47.954	ug/l	98
46) Dibromomethane	9.713	93	244718	47.073	ug/l	97
47) Bromodichloromethane	9.889	83	510419	47.758	ug/l	99
48) Methyl methacrylate	9.683	41	366200	46.124	ug/l #	79
49) 1,4-Dioxane	9.695	88	133395	916.669	ug/l #	85
51) 4-Methyl-2-Pentanone	10.448	43	2337963	226.853	ug/l	92
52) Toluene	10.630	92	932243	49.430	ug/l	98
53) t-1,3-Dichloropropene	10.836	75	535458	51.686	ug/l	99
54) cis-1,3-Dichloropropene	10.313	75	605878	50.915	ug/l	94
55) 1,1,2-Trichloroethane	11.019	97	353467	47.113	ug/l	96
56) Ethyl methacrylate	10.877	69	560817	50.170	ug/l #	85
57) 1,3-Dichloropropane	11.166	76	615173	47.226	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.160	63	859649	221.951	ug/l	92
59) 2-Hexanone	11.195	43	1736697	232.551	ug/l	90
60) Dibromochloromethane	11.360	129	376232	50.891	ug/l	98
61) 1,2-Dibromoethane	11.471	107	345553	47.921	ug/l	100
64) Tetrachloroethene	11.107	164	373914	55.029	ug/l	99
65) Chlorobenzene	11.895	112	939923	47.634	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.960	131	347542	48.690	ug/l	99
67) Ethyl Benzene	11.966	91	1793080	50.045	ug/l	99
68) m/p-Xylenes	12.071	106	1366879	101.400	ug/l	95
69) o-Xylene	12.401	106	668111	50.330	ug/l	91
70) Styrene	12.413	104	1101278	52.914	ug/l	96
71) Bromoform	12.583	173	251482	51.760	ug/l #	97
73) Isopropylbenzene	12.695	105	1763733	48.554	ug/l	96
74) N-amyl acetate	12.495	43	635693	44.746	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.942	83	466712	40.091	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	440070m	41.872	ug/l	
77) Bromobenzene	12.983	156	378203	47.050	ug/l	90
78) n-propylbenzene	13.036	91	2089211	50.434	ug/l	97
79) 2-Chlorotoluene	13.130	91	1246258	46.900	ug/l	93
80) 1,3,5-Trimethylbenzene	13.177	105	1498425	49.218	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.742	75	152910	47.984	ug/l	88
82) 4-Chlorotoluene	13.224	91	1225854	48.661	ug/l	93
83) tert-Butylbenzene	13.442	119	1266454	48.680	ug/l	94
84) 1,2,4-Trimethylbenzene	13.483	105	1484184	49.421	ug/l	95
85) sec-Butylbenzene	13.618	105	1865410	51.356	ug/l	97
86) p-Isopropyltoluene	13.730	119	1538759	52.964	ug/l	97
87) 1,3-Dichlorobenzene	13.736	146	717574	48.890	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	709924	47.636	ug/l	99
89) n-Butylbenzene	14.059	91	1358035	54.107	ug/l	98
90) Hexachloroethane	14.336	117	263572	50.212	ug/l	94
91) 1,2-Dichlorobenzene	14.107	146	707987	47.620	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	94282	42.741	ug/l	89
93) 1,2,4-Trichlorobenzene	15.395	180	402599	54.129	ug/l	98
94) Hexachlorobutadiene	15.506	225	201713	52.086	ug/l	99
95) Naphthalene	15.642	128	1229458	51.605	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	384312	52.570	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030823\
Data File : VN076881.D
Acq On : 08 Mar 2023 15:48
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

Quant Time: Mar 09 03:21:38 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030623W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 07 08:45:33 2023
Response via : Initial Calibration

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

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

