

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060922\
 Data File : VX029340.D
 Acq On : 09 Jun 2022 10:53
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/10/2022
 Supervised By : Mahesh Dadoda 06/10/2022

Quant Time: Jun 09 17:51:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 08 03:00:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	172408	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	279656	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	295045	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	184328	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	142694	54.530	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 109.060%			
35) Dibromofluoromethane	5.391	113	126279	53.115	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.220%			
50) Toluene-d8	8.653	98	432676	51.457	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.920%			
62) 4-Bromofluorobenzene	11.079	95	180919	54.982	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 109.960%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	148182	54.143	ug/l	99
3) Chloromethane	1.288	50	149428	51.156	ug/l	99
4) Vinyl Chloride	1.374	62	165152	54.478	ug/l	99
5) Bromomethane	1.612	94	73945	45.540	ug/l	98
6) Chloroethane	1.685	64	101173	83.973	ug/l	97
7) Trichlorofluoromethane	1.886	101	239311	54.170	ug/l	98
8) Diethyl Ether	2.136	74	93192	54.122	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	145437	54.620	ug/l	98
10) Methyl Iodide	2.453	142	159564	48.596	ug/l	95
11) Tert butyl alcohol	2.983	59	168246	233.756	ug/l	99
12) 1,1-Dichloroethene	2.319	96	135306	52.207	ug/l	99
13) Acrolein	2.239	56	90824	285.263	ug/l	97
14) Allyl chloride	2.666	41	222288	53.431	ug/l	96
15) Acrylonitrile	3.069	53	427504	260.623	ug/l	99
16) Acetone	2.386	43	349419	250.529	ug/l	96
17) Carbon Disulfide	2.514	76	334348	52.411	ug/l	98
18) Methyl Acetate	2.703	43	189565	51.301	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	487278	54.464	ug/l	99
20) Methylene Chloride	2.788	84	157186	50.466	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	151256	51.998	ug/l	99
22) Diisopropyl ether	3.764	45	469348	55.889	ug/l	95
23) Vinyl Acetate	3.721	43	1996258	286.734	ug/l	97
24) 1,1-Dichloroethane	3.611	63	271691	53.639	ug/l	100
25) 2-Butanone	4.562	43	584648	264.994	ug/l	98
26) 2,2-Dichloropropane	4.477	77	209688	58.067	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	178239	51.801	ug/l	98
28) Bromochloromethane	4.898	49	115146	57.828	ug/l	96
29) Tetrahydrofuran	5.007	42	390355	271.482	ug/l	92
30) Chloroform	5.093	83	297257	54.384	ug/l	96
31) Cyclohexane	5.471	56	254277	54.405	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	257594	54.701	ug/l	99
36) 1,1-Dichloropropene	5.696	75	218029	55.515	ug/l	100
37) Ethyl Acetate	4.715	43	227385	56.089	ug/l	99
38) Carbon Tetrachloride	5.678	117	224772	55.995	ug/l	98
39) Methylcyclohexane	7.379	83	273995	56.641	ug/l	95
40) Benzene	6.038	78	636757	54.461	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060922\
 Data File : VX029340.D
 Acq On : 09 Jun 2022 10:53
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/10/2022
 Supervised By : Mahesh Dadoda 06/10/2022

Quant Time: Jun 09 17:51:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 08 03:00:38 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	124563	58.029	ug/l	94
42) 1,2-Dichloroethane	6.092	62	226093	55.670	ug/l	99
43) Isopropyl Acetate	6.342	43	340354	55.884	ug/l	97
44) Trichloroethene	7.129	130	172573	54.214	ug/l	96
45) 1,2-Dichloropropane	7.434	63	155619	54.138	ug/l	99
46) Dibromomethane	7.580	93	114260	54.871	ug/l	93
47) Bromodichloromethane	7.824	83	225491	57.373	ug/l	98
48) Methyl methacrylate	7.696	41	173246	56.557	ug/l	92
49) 1,4-Dioxane	7.684	88	79507	1009.029	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	1139709	285.934	ug/l	97
52) Toluene	8.720	92	420190	55.985	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	231731	54.115	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	257476	58.353	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	166147	54.726	ug/l	96
56) Ethyl methacrylate	9.116	69	259268	58.700	ug/l	93
57) 1,3-Dichloropropane	9.311	76	279728	54.661	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	684463	318.990	ug/l	98
59) 2-Hexanone	9.433	43	876443	289.205	ug/l	94
60) Dibromochloromethane	9.525	129	168975	57.530	ug/l	97
61) 1,2-Dibromoethane	9.610	107	178766	55.206	ug/l	100
64) Tetrachloroethene	9.275	164	156408	55.896	ug/l	95
65) Chlorobenzene	10.080	112	441089	54.230	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	162535	57.410	ug/l	98
67) Ethyl Benzene	10.195	91	810387	56.693	ug/l	99
68) m/p-Xylenes	10.305	106	626689	113.316	ug/l	98
69) o-Xylene	10.646	106	306408	57.015	ug/l	98
70) Styrene	10.659	104	523738	58.394	ug/l	97
71) Bromoform	10.799	173	116489	57.935	ug/l	100
73) Isopropylbenzene	10.964	105	813474	56.058	ug/l	99
74) N-amyl acetate	10.848	43	292346	59.509	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	258409	52.764	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	239663m	55.666	ug/l	
77) Bromobenzene	11.201	156	183837	53.953	ug/l	94
78) n-propylbenzene	11.305	91	948892	57.625	ug/l	99
79) 2-Chlorotoluene	11.366	91	569170	56.128	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	697336	56.593	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	73191	52.742	ug/l	89
82) 4-Chlorotoluene	11.457	91	663147	56.655	ug/l	99
83) tert-Butylbenzene	11.719	119	666793	55.771	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	696075	57.233	ug/l	99
85) sec-Butylbenzene	11.890	105	852999	58.101	ug/l	100
86) p-Isopropyltoluene	12.012	119	719944	58.495	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	356344	54.798	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	361998	54.735	ug/l	97
89) n-Butylbenzene	12.335	91	621283	59.873	ug/l	99
90) Hexachloroethane	12.542	117	112604	57.547	ug/l	89
91) 1,2-Dichlorobenzene	12.335	146	351135	54.458	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	56691	55.656	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	215226	56.554	ug/l	98
94) Hexachlorobutadiene	13.725	225	85403	53.978	ug/l	95
95) Naphthalene	13.780	128	783725	58.349	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	216072	56.939	ug/l	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060922\
Data File : VX029340.D
Acq On : 09 Jun 2022 10:53
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022

Quant Time: Jun 09 17:51:53 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060722W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 08 03:00:38 2022
Response via : Initial Calibration

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

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

Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022

[illegible]