

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102122\
 Data File : VX032307.D
 Acq On : 21 Oct 2022 23:02
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 22 05:17:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 22 04:56:40 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/24/2022
 Supervised By : Mahesh Dadoda 10/24/2022

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	136254	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	218218	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	199441	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107203	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	94158	53.121	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.240%			
35) Dibromofluoromethane	5.379	113	73645	48.498	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.000%			
50) Toluene-d8	8.647	98	261316	47.806	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.620%			
62) 4-Bromofluorobenzene	11.079	95	107759	53.836	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.680%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	61766	49.550	ug/l	96
3) Chloromethane	1.294	50	55376	45.714	ug/l	97
4) Vinyl Chloride	1.374	62	63421	47.239	ug/l	98
5) Bromomethane	1.618	94	60041	42.714	ug/l	98
6) Chloroethane	1.685	64	50470	42.154	ug/l	96
7) Trichlorofluoromethane	1.886	101	123951	51.935	ug/l	98
8) Diethyl Ether	2.130	74	40604	50.063	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	65633	50.724	ug/l	97
10) Methyl Iodide	2.453	142	60493	32.352	ug/l	96
11) Tert butyl alcohol	2.989	59	55839	221.012	ug/l	98
12) 1,1-Dichloroethene	2.319	96	59214	48.689	ug/l	94
13) Acrolein	2.239	56	54430	252.254	ug/l	100
14) Allyl chloride	2.660	41	99048	51.854	ug/l	98
15) Acrylonitrile	3.062	53	155369	233.715	ug/l	97
16) Acetone	2.386	43	138491	240.762	ug/l	98
17) Carbon Disulfide	2.514	76	127161	44.662	ug/l	97
18) Methyl Acetate	2.703	43	97112	49.728	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	221835	52.934	ug/l	97
20) Methylene Chloride	2.788	84	67905	45.975	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	63841	48.196	ug/l	98
22) Diisopropyl ether	3.757	45	215809	51.594	ug/l	94
23) Vinyl Acetate	3.721	43	873315	261.227	ug/l	99
24) 1,1-Dichloroethane	3.605	63	122788	50.807	ug/l	98
25) 2-Butanone	4.556	43	216640	241.226	ug/l	99
26) 2,2-Dichloropropane	4.471	77	90737	52.111	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	78674	50.727	ug/l	97
28) Bromochloromethane	4.897	49	48221	48.362	ug/l	99
29) Tetrahydrofuran	5.007	42	137904	237.749	ug/l	99
30) Chloroform	5.093	83	135993	51.699	ug/l	97
31) Cyclohexane	5.464	56	102284	50.477	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	125023	55.735	ug/l	99
36) 1,1-Dichloropropene	5.690	75	95466	48.873	ug/l	99
37) Ethyl Acetate	4.708	43	90046	47.082	ug/l	100
38) Carbon Tetrachloride	5.678	117	108161	52.453	ug/l	98
39) Methylcyclohexane	7.379	83	112820	48.349	ug/l	97
40) Benzene	6.038	78	271521	47.960	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102122\
 Data File : VX032307.D
 Acq On : 21 Oct 2022 23:02
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 22 05:17:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 22 04:56:40 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/24/2022
 Supervised By : Mahesh Dadoda 10/24/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	50335	49.911	ug/l	99
42) 1,2-Dichloroethane	6.086	62	114361	52.737	ug/l	99
43) Isopropyl Acetate	6.336	43	154414	51.441	ug/l	100
44) Trichloroethene	7.123	130	75082	48.160	ug/l	98
45) 1,2-Dichloropropane	7.428	63	71503	50.066	ug/l	97
46) Dibromomethane	7.580	93	53067	49.819	ug/l	99
47) Bromodichloromethane	7.818	83	105931	53.834	ug/l	95
48) Methyl methacrylate	7.690	41	78658	52.543	ug/l	96
49) 1,4-Dioxane	7.696	88	26543	883.470	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	464350	246.778	ug/l	100
52) Toluene	8.714	92	179266	48.881	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	110221	49.719	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	115010	52.455	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	75464	50.653	ug/l	99
56) Ethyl methacrylate	9.116	69	113275	52.792	ug/l	100
57) 1,3-Dichloropropane	9.305	76	121638	50.405	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	229735	233.593	ug/l	99
59) 2-Hexanone	9.427	43	344446	245.329	ug/l	99
60) Dibromochloromethane	9.519	129	82224	53.850	ug/l	99
61) 1,2-Dibromoethane	9.610	107	80772	51.143	ug/l	99
64) Tetrachloroethene	9.275	164	63429	48.162	ug/l	95
65) Chlorobenzene	10.079	112	200070	48.928	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	76630	52.374	ug/l	98
67) Ethyl Benzene	10.195	91	369172	50.994	ug/l	99
68) m/p-Xylenes	10.299	106	285122	99.727	ug/l	98
69) o-Xylene	10.640	106	141019	51.487	ug/l	100
70) Styrene	10.653	104	235598	51.009	ug/l	98
71) Bromoform	10.799	173	59107	47.718	ug/l #	99
73) Isopropylbenzene	10.963	105	379108	49.560	ug/l	99
74) N-amyl acetate	10.842	43	148446	52.529	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	115079	46.795	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	103046m	48.512	ug/l	
77) Bromobenzene	11.201	156	92118	49.130	ug/l	97
78) n-propylbenzene	11.305	91	446022	50.922	ug/l	99
79) 2-Chlorotoluene	11.366	91	264577	50.120	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	334539	50.632	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	30811	45.823	ug/l	98
82) 4-Chlorotoluene	11.457	91	316794	51.545	ug/l	99
83) tert-Butylbenzene	11.713	119	333674	50.474	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	332044	51.690	ug/l	99
85) sec-Butylbenzene	11.890	105	408132	51.085	ug/l	100
86) p-Isopropyltoluene	12.012	119	349611	51.430	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	176298	48.852	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	180660	48.734	ug/l	98
89) n-Butylbenzene	12.335	91	306386	51.171	ug/l	100
90) Hexachloroethane	12.536	117	56513	53.575	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	177177	50.011	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	24572	52.298	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	110954	48.108	ug/l	98
94) Hexachlorobutadiene	13.725	225	46805	46.758	ug/l	99
95) Naphthalene	13.774	128	365241	49.445	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	112661	48.566	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102122\
Data File : VX032307.D
Acq On : 21 Oct 2022 23:02
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By : John Carlone 10/24/2022
Supervised By : Mahesh Dadoda 10/24/2022

Quant Time: Oct 22 05:17:40 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 22 04:56:40 2022
Response via : Initial Calibration

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

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

