

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110422\
 Data File : VX032564.D
 Acq On : 04 Nov 2022 10:18
 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 11/07/2022
 Supervised By : Mahesh Dadoda 11/07/2022

Quant Time: Nov 04 23:09:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	105439	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	163139	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	147394	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	80674	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	75243	51.359	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.720%			
35) Dibromofluoromethane	5.385	113	59985	51.547	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.100%			
50) Toluene-d8	8.647	98	202115	49.949	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.900%			
62) 4-Bromofluorobenzene	11.079	95	84252	53.303	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.600%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	61411	50.499	ug/l	97
3) Chloromethane	1.294	50	50124	48.738	ug/l	96
4) Vinyl Chloride	1.374	62	55919	49.405	ug/l	97
5) Bromomethane	1.618	94	47706	52.742	ug/l	96
6) Chloroethane	1.691	64	51957	68.426	ug/l	100
7) Trichlorofluoromethane	1.886	101	108729	50.698	ug/l	96
8) Diethyl Ether	2.130	74	35580	51.195	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	58558	51.733	ug/l	99
10) Methyl Iodide	2.453	142	70385	55.678	ug/l	99
11) Tert butyl alcohol	2.989	59	43306	203.089	ug/l	100
12) 1,1-Dichloroethene	2.319	96	53053	50.172	ug/l	96
13) Acrolein	2.239	56	63550	298.532	ug/l	100
14) Allyl chloride	2.666	41	87016	51.623	ug/l	98
15) Acrylonitrile	3.062	53	139481	241.021	ug/l	99
16) Acetone	2.386	43	135752	254.944	ug/l	100
17) Carbon Disulfide	2.514	76	123041	48.853	ug/l	98
18) Methyl Acetate	2.703	43	89291	51.567	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	196120	52.770	ug/l	100
20) Methylene Chloride	2.788	84	60862	49.851	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	58044	50.430	ug/l	98
22) Diisopropyl ether	3.757	45	197525	54.177	ug/l	95
23) Vinyl Acetate	3.721	43	780048	264.816	ug/l	100
24) 1,1-Dichloroethane	3.605	63	108831	51.895	ug/l	99
25) 2-Butanone	4.556	43	196969	238.763	ug/l	99
26) 2,2-Dichloropropane	4.477	77	93212	55.914	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	70047	52.650	ug/l	99
28) Bromochloromethane	4.898	49	35467	47.480	ug/l	100
29) Tetrahydrofuran	5.001	42	123641	235.039	ug/l	100
30) Chloroform	5.086	83	124271	54.003	ug/l	99
31) Cyclohexane	5.471	56	90473	50.932	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	111755	54.119	ug/l	99
36) 1,1-Dichloropropene	5.690	75	84908	52.397	ug/l	100
37) Ethyl Acetate	4.708	43	78220	46.372	ug/l	99
38) Carbon Tetrachloride	5.672	117	99349	55.276	ug/l	99
39) Methylcyclohexane	7.379	83	101388	52.881	ug/l	98
40) Benzene	6.038	78	243027	52.997	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110422\
 Data File : VX032564.D
 Acq On : 04 Nov 2022 10:18
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 04 23:09:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/07/2022
 Supervised By : Mahesh Dadoda 11/07/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	45434	52.874	ug/l	98
42) 1,2-Dichloroethane	6.086	62	104099	55.533	ug/l	100
43) Isopropyl Acetate	6.336	43	135106	52.167	ug/l	99
44) Trichloroethene	7.123	130	66856	51.790	ug/l	98
45) 1,2-Dichloropropane	7.428	63	62955	53.481	ug/l	99
46) Dibromomethane	7.580	93	48044	53.218	ug/l	99
47) Bromodichloromethane	7.824	83	95710	55.938	ug/l	99
48) Methyl methacrylate	7.690	41	69175	51.716	ug/l	99
49) 1,4-Dioxane	7.696	88	22070	865.797	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	410403	251.578	ug/l	100
52) Toluene	8.720	92	160596	53.678	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	101857	58.346	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	105041	56.256	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	67774	53.789	ug/l	99
56) Ethyl methacrylate	9.116	69	99838	55.061	ug/l	99
57) 1,3-Dichloropropane	9.305	76	110005	54.063	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	236560	270.948	ug/l	100
59) 2-Hexanone	9.427	43	305687	252.540	ug/l	100
60) Dibromochloromethane	9.519	129	77354	56.207	ug/l	100
61) 1,2-Dibromoethane	9.610	107	71376	53.463	ug/l	99
64) Tetrachloroethene	9.275	164	57659	53.446	ug/l	97
65) Chlorobenzene	10.079	112	177182	53.664	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	68972	55.505	ug/l	99
67) Ethyl Benzene	10.195	91	322160	54.565	ug/l	100
68) m/p-Xylenes	10.299	106	250255	109.155	ug/l	99
69) o-Xylene	10.640	106	123485	55.397	ug/l	99
70) Styrene	10.653	104	207237	55.941	ug/l	99
71) Bromoform	10.799	173	56188	57.190	ug/l #	99
73) Isopropylbenzene	10.963	105	333292	52.136	ug/l	100
74) N-amyl acetate	10.842	43	126431	52.343	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	101730	49.577	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	93636m	52.171	ug/l	
77) Bromobenzene	11.195	156	81560	52.040	ug/l	99
78) n-propylbenzene	11.305	91	392590	53.302	ug/l	100
79) 2-Chlorotoluene	11.366	91	231261	52.429	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	292586	53.551	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	30222	53.581	ug/l	98
82) 4-Chlorotoluene	11.457	91	275491	53.375	ug/l	100
83) tert-Butylbenzene	11.713	119	285055	52.258	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	290790	53.512	ug/l	100
85) sec-Butylbenzene	11.890	105	355541	54.169	ug/l	100
86) p-Isopropyltoluene	12.012	119	304368	54.650	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	156111	52.805	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	160982	52.488	ug/l	98
89) n-Butylbenzene	12.335	91	270803	55.891	ug/l	100
90) Hexachloroethane	12.536	117	51605	56.728	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	155508	53.346	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22160	49.254	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	99361	52.276	ug/l	99
94) Hexachlorobutadiene	13.725	225	42613	53.681	ug/l	98
95) Naphthalene	13.774	128	311575	49.196	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	97943	50.692	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110422\
 Data File : VX032564.D
 Acq On : 04 Nov 2022 10:18
 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 11/07/2022
 Supervised By : Mahesh Dadoda 11/07/2022

Quant Time: Nov 04 23:09:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

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

