

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032222\
 Data File : VX027632.D
 Acq On : 22 Mar 2022 22:59
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/24/2022
 Supervised By : Mahesh Dadoda 03/24/2022

Quant Time: Mar 23 03:57:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 15:02:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	341070	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	536070	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	491301	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	241995	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	180455	42.949	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	85.900%		
35) Dibromofluoromethane	5.391	113	173478	50.298	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.600%		
50) Toluene-d8	8.653	98	640273	49.058	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.120%		
62) 4-Bromofluorobenzene	11.085	95	234588	48.902	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	97.800%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	147787	45.142	ug/l	99
3) Chloromethane	1.294	50	129066	44.411	ug/l	99
4) Vinyl Chloride	1.374	62	155758	46.386	ug/l	97
5) Bromomethane	1.593	94	74398	42.489	ug/l	98
6) Chloroethane	1.672	64	94980	46.094	ug/l	98
7) Trichlorofluoromethane	1.880	101	230079	41.507	ug/l	97
8) Diethyl Ether	2.136	74	92161	44.636	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	150202	45.504	ug/l	94
10) Methyl Iodide	2.447	142	159442	36.491	ug/l	98
11) Tert butyl alcohol	2.977	59	179994	224.781	ug/l	99
12) 1,1-Dichloroethene	2.312	96	145950	46.084	ug/l	96
13) Acrolein	2.239	56	126255	203.183	ug/l	98
14) Allyl chloride	2.660	41	218315	44.051	ug/l	97
15) Acrylonitrile	3.068	53	450826	247.642	ug/l	99
16) Acetone	2.386	43	376170	219.646	ug/l	96
17) Carbon Disulfide	2.508	76	332768	41.293	ug/l	99
18) Methyl Acetate	2.709	43	192542	46.910	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	492552	46.095	ug/l	100
20) Methylene Chloride	2.788	84	163963	44.529	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	155100	45.910	ug/l	98
22) Diisopropyl ether	3.763	45	459791	47.507	ug/l #	88
23) Vinyl Acetate	3.727	43	2000608	237.695	ug/l	97
24) 1,1-Dichloroethane	3.611	63	277524	47.146	ug/l	98
25) 2-Butanone	4.562	43	609955	236.722	ug/l	99
26) 2,2-Dichloropropane	4.477	77	174032	36.205	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	187616	47.888	ug/l	93
28) Bromochloromethane	4.903	49	117755	49.591	ug/l	93
29) Tetrahydrofuran	5.013	42	403051	243.837	ug/l	94
30) Chloroform	5.099	83	304623	46.914	ug/l	98
31) Cyclohexane	5.470	56	234135	44.876	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	266310	45.046	ug/l	98
36) 1,1-Dichloropropene	5.696	75	212038	44.988	ug/l	97
37) Ethyl Acetate	4.721	43	229977	48.968	ug/l	100
38) Carbon Tetrachloride	5.678	117	232237	43.070	ug/l	97
39) Methylcyclohexane	7.385	83	262349	44.264	ug/l	98
40) Benzene	6.037	78	633062	46.817	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032222\
 Data File : VX027632.D
 Acq On : 22 Mar 2022 22:59
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 23 03:57:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 15:02:59 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/24/2022
 Supervised By : Mahesh Dadoda 03/24/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	126049	49.212	ug/l	96
42) 1,2-Dichloroethane	6.092	62	209652	41.370	ug/l	98
43) Isopropyl Acetate	6.342	43	320168	42.358	ug/l	100
44) Trichloroethene	7.129	130	192823	46.975	ug/l	98
45) 1,2-Dichloropropane	7.433	63	163852	47.574	ug/l	98
46) Dibromomethane	7.586	93	121073	46.018	ug/l	95
47) Bromodichloromethane	7.824	83	219461	44.300	ug/l	99
48) Methyl methacrylate	7.696	41	174061	46.532	ug/l	95
49) 1,4-Dioxane	7.665	88	93307	971.168	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	1141188	236.514	ug/l	98
52) Toluene	8.720	92	435758	48.090	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	201462	39.623	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	254252	45.946	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	168144	45.575	ug/l	99
56) Ethyl methacrylate	9.122	69	241118	43.680	ug/l	99
57) 1,3-Dichloropropane	9.311	76	271687	45.360	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	689296	246.649	ug/l	97
59) 2-Hexanone	9.433	43	795607	214.093	ug/l	99
60) Dibromochloromethane	9.525	129	181842	44.774	ug/l	97
61) 1,2-Dibromoethane	9.610	107	185635	45.779	ug/l	98
64) Tetrachloroethene	9.275	164	176435	46.188	ug/l	97
65) Chlorobenzene	10.079	112	488614	48.346	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	179525	47.610	ug/l	98
67) Ethyl Benzene	10.195	91	832577	48.129	ug/l	96
68) m/p-Xylenes	10.305	106	656914	96.444	ug/l	98
69) o-Xylene	10.646	106	321794	48.658	ug/l	99
70) Styrene	10.659	104	539831	49.968	ug/l	100
71) Bromoform	10.805	173	139172	46.199	ug/l	100
73) Isopropylbenzene	10.963	105	832430	47.226	ug/l	99
74) N-amyl acetate	10.841	43	294472	47.115	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	270505	48.448	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	244004m	48.206	ug/l	
77) Bromobenzene	11.201	156	210371	47.350	ug/l	95
78) n-propylbenzene	11.305	91	928042	47.963	ug/l	96
79) 2-Chlorotoluene	11.366	91	565983	46.630	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	714165	48.140	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	70792	42.475	ug/l	88
82) 4-Chlorotoluene	11.457	91	652320	47.202	ug/l	98
83) tert-Butylbenzene	11.719	119	704138	47.913	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	715284	48.347	ug/l	100
85) sec-Butylbenzene	11.890	105	857684	48.294	ug/l	99
86) p-Isopropyltoluene	12.012	119	737346	48.337	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	390181	47.399	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	394235	47.331	ug/l	99
89) n-Butylbenzene	12.335	91	597115	46.906	ug/l	98
90) Hexachloroethane	12.542	117	109033	44.820	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	384755	47.869	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	59130	46.175	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	240253	46.635	ug/l	98
94) Hexachlorobutadiene	13.725	225	102312	44.958	ug/l	95
95) Naphthalene	13.780	128	836582	49.883	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	241134	46.271	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032222\
 Data File : VX027632.D
 Acq On : 22 Mar 2022 22:59
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
ClientSampleId :
 VSTDCCC050

Manual Integrations
APPROVED

Reviewed By : John Carlone 03/24/2022
 Supervised By : Mahesh Dadoda 03/24/2022

Quant Time: Mar 23 03:57:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 15:02:59 2022
 Response via : Initial Calibration

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

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

