

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020521\
 Data File : VX020863.D
 Acq On : 05 Feb 2021 11:08
 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

MMDadoda
 2/8/2021 11:33:45 AM

Quant Time: Feb 06 01:01:47 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:38:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.623	168	316007	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	476843	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	458816	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	235446	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	181461	42.10	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	84.20%
35) Dibromofluoromethane	5.458	113	155720	47.68	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.36%
50) Toluene-d8	8.690	98	574246	47.96	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.92%
62) 4-Bromofluorobenzene	11.116	95	225963	48.59	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.18%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	222138	44.59	ug/l	97
3) Chloromethane	1.313	50	191798	43.15	ug/l	100
4) Vinyl Chloride	1.392	62	195056	44.01	ug/l	100
5) Bromomethane	1.624	94	94754	44.50	ug/l	100
6) Chloroethane	1.703	64	115847	46.18	ug/l	97
7) Trichlorofluoromethane	1.910	101	289350	48.13	ug/l	98
8) Diethyl Ether	2.166	74	101069	46.84	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.361	101	147492	48.06	ug/l	98
10) Methyl Iodide	2.489	142	184994	42.98	ug/l	92
11) Tert butyl alcohol	3.014	59	172812	214.77	ug/l	99
12) 1,1-Dichloroethene	2.355	96	140735	46.37	ug/l	98
13) Acrolein	2.270	56	158544	261.25	ug/l	98
14) Allyl chloride	2.703	41	241829	42.79	ug/l	96
15) Acrylonitrile	3.111	53	450592	221.24	ug/l	100
16) Acetone	2.416	43	391826	239.76	ug/l	99
17) Carbon Disulfide	2.544	76	407980	41.86	ug/l	99
18) Methyl Acetate	2.745	43	192991	46.22	ug/l	100
19) Methyl tert-butyl Ether	3.166	73	537777	47.37	ug/l	98
20) Methylene Chloride	2.831	84	181591	44.03	ug/l	98
21) trans-1,2-Dichloroethene	3.136	96	169085	44.60	ug/l	99
22) Diisopropyl ether	3.825	45	497855	44.82	ug/l	92
23) Vinyl Acetate	3.782	43	2070405	226.54	ug/l	100
24) 1,1-Dichloroethane	3.666	63	301603	44.92	ug/l	98
25) 2-Butanone	4.629	43	587345	229.46	ug/l	98
26) 2,2-Dichloropropane	4.544	77	261172	48.47	ug/l	99
27) cis-1,2-Dichloroethene	4.556	96	191040	45.95	ug/l	99
28) Bromochloromethane	4.977	49	115970	40.29	ug/l	96
29) Tetrahydrofuran	5.080	42	361564	219.32	ug/l	100
30) Chloroform	5.172	83	322709	46.75	ug/l	100
31) Cyclohexane	5.544	56	251831	43.45	ug/l	100
32) 1,1,1-Trichloroethane	5.452	97	289654	47.67	ug/l	99
36) 1,1-Dichloropropene	5.763	75	233969	48.89	ug/l	98
37) Ethyl Acetate	4.788	43	212836	46.91	ug/l	100
38) Carbon Tetrachloride	5.745	117	262914	52.25	ug/l	99
39) Methylcyclohexane	7.434	83	266665	48.89	ug/l	98
40) Benzene	6.105	78	693913	49.23	ug/l	99
41) Methacrylonitrile	4.995	41	119838	47.19	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020521\
 Data File : VX020863.D
 Acq On : 05 Feb 2021 11:08
 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

MMDadoda
 2/8/2021 11:33:45 AM

Quant Time: Feb 06 01:01:47 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:38:15 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	6.153	62	245070	48.75	ug/l	100
43) Isopropyl Acetate	6.409	43	337080	46.60	ug/l	99
44) Trichloroethene	7.184	130	188247	50.19	ug/l	97
45) 1,2-Dichloropropane	7.482	63	178378	48.56	ug/l	98
46) Dibromomethane	7.635	93	123614	50.13	ug/l	99
47) Bromodichloromethane	7.873	83	263188	50.52	ug/l	100
48) Methyl methacrylate	7.745	41	178025	48.71	ug/l	97
49) 1,4-Dioxane	7.708	88	85727	1000.12	ug/l	99
51) 4-Methyl-2-Pentanone	8.616	43	1123183	246.05	ug/l	99
52) Toluene	8.763	92	451142	50.91	ug/l	99
53) t-1,3-Dichloropropene	9.019	75	276898	50.51	ug/l	100
54) cis-1,3-Dichloropropene	8.409	75	302003	51.09	ug/l	95
55) 1,1,2-Trichloroethane	9.189	97	189104	51.39	ug/l	99
56) Ethyl methacrylate	9.153	69	262904	44.94	ug/l	98
57) 1,3-Dichloropropane	9.348	76	309588	50.15	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.287	63	645248	253.42	ug/l	98
59) 2-Hexanone	9.470	43	869244	255.79	ug/l	100
60) Dibromochloromethane	9.561	129	214246	52.66	ug/l	99
61) 1,2-Dibromoethane	9.653	107	195511	51.34	ug/l	99
64) Tetrachloroethene	9.317	164	190014	54.02	ug/l	96
65) Chlorobenzene	10.116	112	489957	49.36	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.201	131	191713	52.03	ug/l	99
67) Ethyl Benzene	10.232	91	870380	50.57	ug/l	100
68) m/p-Xylenes	10.342	106	665819	103.74	ug/l	98
69) o-Xylene	10.683	106	313963	52.01	ug/l	99
70) Styrene	10.695	104	553579	53.41	ug/l	100
71) Bromoform	10.836	173	159651	53.97	ug/l	100
73) Isopropylbenzene	11.000	105	875020	51.42	ug/l	100
74) N-ethyl acetate	10.878	43	298546	42.02	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.250	83	274387	47.86	ug/l	98
76) 1,2,3-Trichloropropane	11.274	75	274102m	50.20	ug/l	
77) Bromobenzene	11.238	156	220855	51.28	ug/l	95
78) n-propylbenzene	11.342	91	994789	50.63	ug/l	99
79) 2-Chlorotoluene	11.402	91	599590	49.96	ug/l	100
80) 1,3,5-Trimethylbenzene	11.488	105	752684	51.75	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.055	75	97384	49.97	ug/l	96
82) 4-Chlorotoluene	11.494	91	711433	50.09	ug/l	99
83) tert-Butylbenzene	11.756	119	717855	51.11	ug/l	98
84) 1,2,4-Trimethylbenzene	11.787	105	769739	52.47	ug/l	99
85) sec-Butylbenzene	11.927	105	847248	52.19	ug/l	99
86) p-Isopropyltoluene	12.049	119	799452	53.06	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	393577	50.15	ug/l	99
88) 1,4-Dichlorobenzene	12.079	146	394531	48.41	ug/l	99
89) n-Butylbenzene	12.372	91	670285	49.67	ug/l	99
90) Hexachloroethane	12.579	117	138166	50.93	ug/l	99
91) 1,2-Dichlorobenzene	12.372	146	379948	50.24	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.981	75	60185	47.36	ug/l	96
93) 1,2,4-Trichlorobenzene	13.628	180	248822	50.73	ug/l	97
94) Hexachlorobutadiene	13.762	225	109941	47.57	ug/l	99
95) Naphthalene	13.817	128	807679	45.02	ug/l	99
96) 1,2,3-Trichlorobenzene	14.000	180	251341	52.63	ug/l	98

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