

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020421\
 Data File : VX020861.D
 Acq On : 04 Feb 2021 16:16
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/5/2021 10:51:11 AM

Quant Time: Feb 05 01:38:32 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	312395	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	472690	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.091	117	448345	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	238443	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	192187	45.10	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 90.20%			
35) Dibromofluoromethane	5.458	113	166444	51.41	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.82%			
50) Toluene-d8	8.689	98	589028	49.62	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.24%			
62) 4-Bromofluorobenzene	11.116	95	235453	51.08	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 102.16%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	230143	46.68	ug/l	100
3) Chloromethane	1.313	50	197101	44.85	ug/l	100
4) Vinyl Chloride	1.392	62	203003	46.33	ug/l	98
5) Bromomethane	1.623	94	91873	43.65	ug/l	99
6) Chloroethane	1.703	64	118175	47.65	ug/l	98
7) Trichlorofluoromethane	1.910	101	297482	50.05	ug/l	99
8) Diethyl Ether	2.166	74	102577	48.09	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.361	101	149122	49.15	ug/l	97
10) Methyl Iodide	2.489	142	188894	44.39	ug/l	92
11) Tert butyl alcohol	3.013	59	174374	219.21	ug/l	99
12) 1,1-Dichloroethene	2.355	96	144867	48.29	ug/l	97
13) Acrolein	2.270	56	137792	229.68	ug/l	99
14) Allyl chloride	2.703	41	251379	44.99	ug/l	96
15) Acrylonitrile	3.111	53	456071	226.52	ug/l	100
16) Acetone	2.416	43	330924	204.83	ug/l	100
17) Carbon Disulfide	2.544	76	390228	40.53	ug/l	98
18) Methyl Acetate	2.745	43	197307	47.80	ug/l	100
19) Methyl tert-butyl Ether	3.160	73	550215	49.03	ug/l	99
20) Methylene Chloride	2.831	84	187599	46.01	ug/l	97
21) trans-1,2-Dichloroethene	3.135	96	179128	47.80	ug/l	98
22) Diisopropyl ether	3.818	45	510518	46.49	ug/l	96
23) Vinyl Acetate	3.776	43	2124085	235.10	ug/l	99
24) 1,1-Dichloroethane	3.660	63	315184	47.48	ug/l	100
25) 2-Butanone	4.629	43	556898	220.08	ug/l	99
26) 2,2-Dichloropropane	4.538	77	266236	49.98	ug/l	99
27) cis-1,2-Dichloroethene	4.556	96	198521	48.30	ug/l	98
28) Bromochloromethane	4.970	49	115013	40.42	ug/l	97
29) Tetrahydrofuran	5.080	42	353389	216.84	ug/l	100
30) Chloroform	5.165	83	333867	48.93	ug/l	99
31) Cyclohexane	5.537	56	259380	45.27	ug/l	96
32) 1,1,1-Trichloroethane	5.452	97	295642	49.22	ug/l	98
36) 1,1-Dichloropropene	5.757	75	238551	50.29	ug/l	100
37) Ethyl Acetate	4.781	43	211306	46.98	ug/l	99
38) Carbon Tetrachloride	5.745	117	268413	53.81	ug/l	99
39) Methylcyclohexane	7.433	83	275601	50.97	ug/l	98
40) Benzene	6.104	78	719366	51.48	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.995	41	120235	47.76	ug/l	99
42) 1,2-Dichloroethane	6.153	62	250607	50.29	ug/l	100
43) Isopropyl Acetate	6.403	43	334865	46.70	ug/l	99
44) Trichloroethene	7.183	130	194701	52.37	ug/l	95
45) 1,2-Dichloropropane	7.482	63	181664	49.89	ug/l	98
46) Dibromomethane	7.628	93	126015	51.56	ug/l	100
47) Bromodichloromethane	7.872	83	265213	51.36	ug/l	100
48) Methyl methacrylate	7.738	41	174876	48.27	ug/l	97
49) 1,4-Dioxane	7.708	88	88008	1035.75	ug/l	99
51) 4-Methyl-2-Pentanone	8.616	43	1081527	239.01	ug/l	99
52) Toluene	8.762	92	453773	51.65	ug/l	100
53) t-1,3-Dichloropropene	9.018	75	278230	51.20	ug/l	99
54) cis-1,3-Dichloropropene	8.409	75	304539	51.97	ug/l	94
55) 1,1,2-Trichloroethane	9.189	97	188272	51.61	ug/l	97
56) Ethyl methacrylate	9.153	69	262211	45.20	ug/l	97
57) 1,3-Dichloropropane	9.348	76	310058	50.67	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.287	63	640314	253.69	ug/l	100
59) 2-Hexanone	9.470	43	819330	243.22	ug/l	99
60) Dibromochloromethane	9.561	129	213306	52.89	ug/l	99
61) 1,2-Dibromoethane	9.652	107	194691	51.57	ug/l	98
64) Tetrachloroethene	9.311	164	197035	57.32	ug/l	96
65) Chlorobenzene	10.116	112	490587	50.58	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.201	131	191603	53.21	ug/l	99
67) Ethyl Benzene	10.232	91	865682	51.47	ug/l	100
68) m/p-Xylenes	10.341	106	672471	107.22	ug/l	100
69) o-Xylene	10.683	106	310384	52.62	ug/l	98
70) Styrene	10.695	104	544595	53.77	ug/l	99
71) Bromoform	10.835	173	158322	54.77	ug/l #	99
73) Isopropylbenzene	11.000	105	872087	50.60	ug/l	99
74) N-amyl acetate	10.878	43	295211	41.08	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.250	83	268566	46.25	ug/l	98
76) 1,2,3-Trichloropropane	11.280	75	267522m	48.38	ug/l	
77) Bromobenzene	11.238	156	213097	48.85	ug/l	98
78) n-propylbenzene	11.341	91	1011091	50.82	ug/l	100
79) 2-Chlorotoluene	11.402	91	600143	49.38	ug/l	100
80) 1,3,5-Trimethylbenzene	11.488	105	754694	51.23	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.055	75	92884	47.07	ug/l	97
82) 4-Chlorotoluene	11.494	91	718905	49.98	ug/l	99
83) tert-Butylbenzene	11.756	119	722976	50.83	ug/l	99
84) 1,2,4-Trimethylbenzene	11.786	105	779733	52.48	ug/l	98
85) sec-Butylbenzene	11.926	105	846136	51.47	ug/l	100
86) p-Isopropyltoluene	12.048	119	819583	53.71	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	403591	50.78	ug/l	98
88) 1,4-Dichlorobenzene	12.079	146	409171	49.57	ug/l	99
89) n-Butylbenzene	12.372	91	688653	50.39	ug/l	100
90) Hexachloroethane	12.579	117	137662	50.11	ug/l	99
91) 1,2-Dichlorobenzene	12.372	146	392129	51.20	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.981	75	57226	44.46	ug/l	97
93) 1,2,4-Trichlorobenzene	13.627	180	255338	51.41	ug/l	98
94) Hexachlorobutadiene	13.762	225	108394	46.31	ug/l	99
95) Naphthalene	13.816	128	825437	45.40	ug/l	99
96) 1,2,3-Trichlorobenzene	13.999	180	255920	52.91	ug/l	99

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

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