

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011521\
 Data File : VX020648.D
 Acq On : 15 Jan 2021 21:59
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/18/2021 4:22:19 PM

Quant Time: Jan 16 01:00:29 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011121W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 11 15:05:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	183460	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	308217	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	325442	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	156626	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	124545	56.52	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 113.04%			
35) Dibromofluoromethane	5.464	113	103306	48.37	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 96.74%			
50) Toluene-d8	8.695	98	419741	54.93	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 109.86%			
62) 4-Bromofluorobenzene	11.122	95	157512	58.37	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 116.74%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	98450	54.40	ug/l	97
3) Chloromethane	1.313	50	92790	55.41	ug/l	97
4) Vinyl Chloride	1.392	62	108252	56.37	ug/l	100
5) Bromomethane	1.624	94	67793	52.28	ug/l	100
6) Chloroethane	1.703	64	72028	65.40	ug/l	99
7) Trichlorofluoromethane	1.910	101	177521	55.82	ug/l	96
8) Diethyl Ether	2.166	74	69486	61.32	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.361	101	95966	53.78	ug/l	99
10) Methyl Iodide	2.489	142	132594	53.28	ug/l	93
11) Tert butyl alcohol	3.014	59	115435	285.46	ug/l	98
12) 1,1-Dichloroethene	2.355	96	96537	55.11	ug/l	96
13) Acrolein	2.270	56	71593	234.40	ug/l	100
14) Allyl chloride	2.703	41	138593	56.95	ug/l	94
15) Acrylonitrile	3.111	53	283829	303.35	ug/l	100
16) Acetone	2.416	43	227862	303.44	ug/l	98
17) Carbon Disulfide	2.550	76	253907	52.58	ug/l	100
18) Methyl Acetate	2.745	43	119254	61.09	ug/l	98
19) Methyl tert-butyl Ether	3.160	73	332317	58.49	ug/l	97
20) Methylene Chloride	2.831	84	112497	54.04	ug/l	99
21) trans-1,2-Dichloroethene	3.142	96	108512	55.15	ug/l	96
22) Diisopropyl ether	3.824	45	299191	60.89	ug/l	93
23) Vinyl Acetate	3.782	43	1293990	308.54	ug/l	99
24) 1,1-Dichloroethane	3.666	63	189664	58.12	ug/l	99
25) 2-Butanone	4.629	43	361847	303.83	ug/l	99
26) 2,2-Dichloropropane	4.550	77	153824	50.68	ug/l	99
27) cis-1,2-Dichloroethene	4.562	96	124594	56.75	ug/l	95
28) Bromochloromethane	4.977	49	74554	56.11	ug/l	95
29) Tetrahydrofuran	5.086	42	227573	313.71	ug/l	97
30) Chloroform	5.178	83	205445	56.29	ug/l	98
31) Cyclohexane	5.550	56	149814	57.86	ug/l	95
32) 1,1,1-Trichloroethane	5.458	97	183144	55.80	ug/l	99
36) 1,1-Dichloropropene	5.769	75	145684	51.73	ug/l	99
37) Ethyl Acetate	4.788	43	139398	54.50	ug/l	99
38) Carbon Tetrachloride	5.757	117	160674	48.89	ug/l	98
39) Methylcyclohexane	7.440	83	180456	56.10	ug/l	98
40) Benzene	6.111	78	436892	51.62	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.001	41	74661	55.77	ug/l	97
42) 1,2-Dichloroethane	6.159	62	161260	53.44	ug/l	99
43) Isopropyl Acetate	6.409	43	220318	55.55	ug/l	99
44) Trichloroethene	7.190	130	129506	51.49	ug/l	99
45) 1,2-Dichloropropane	7.488	63	123748	59.60	ug/l	97
46) Dibromomethane	7.635	93	89453	56.74	ug/l	94
47) Bromodichloromethane	7.872	83	180645	56.14	ug/l	99
48) Methyl methacrylate	7.744	41	126231	65.48	ug/l	99
49) 1,4-Dioxane	7.714	88	60550	1245.96	ug/l	99
51) 4-Methyl-2-Pentanone	8.616	43	826071	335.85	ug/l	100
52) Toluene	8.763	92	314660	58.46	ug/l	99
53) t-1,3-Dichloropropene	9.019	75	190798	58.22	ug/l	99
54) cis-1,3-Dichloropropene	8.415	75	204736	58.33	ug/l	97
55) 1,1,2-Trichloroethane	9.195	97	129285	56.85	ug/l	99
56) Ethyl methacrylate	9.159	69	189269	64.19	ug/l	99
57) 1,3-Dichloropropane	9.348	76	218036	59.00	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.287	63	463068	299.11	ug/l	99
59) 2-Hexanone	9.470	43	620122	336.30	ug/l	98
60) Dibromochloromethane	9.561	129	140293	54.62	ug/l	100
61) 1,2-Dibromoethane	9.653	107	132397	54.57	ug/l	98
64) Tetrachloroethene	9.317	164	126457	43.02	ug/l	96
65) Chlorobenzene	10.122	112	334665	48.86	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.201	131	128901	49.30	ug/l	100
67) Ethyl Benzene	10.232	91	598481	53.08	ug/l	100
68) m/p-Xylenes	10.342	106	455869	104.90	ug/l	99
69) o-Xylene	10.683	106	212430	53.06	ug/l	99
70) Styrene	10.695	104	367887	53.83	ug/l	99
71) Bromoform	10.841	173	98785	46.56	ug/l #	98
73) Isopropylbenzene	11.000	105	584847	55.38	ug/l	100
74) N-amyl acetate	10.878	43	207146	55.43	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.250	83	195306	56.78	ug/l	99
76) 1,2,3-Trichloropropane	11.280	75	188622m	57.17	ug/l	
77) Bromobenzene	11.238	156	139289	49.23	ug/l	98
78) n-propylbenzene	11.341	91	669341	57.35	ug/l	99
79) 2-Chlorotoluene	11.402	91	391527	54.37	ug/l	100
80) 1,3,5-Trimethylbenzene	11.488	105	499948	56.50	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.055	75	65012	53.68	ug/l	98
82) 4-Chlorotoluene	11.494	91	479282	56.09	ug/l	99
83) tert-Butylbenzene	11.756	119	457518	53.83	ug/l	95
84) 1,2,4-Trimethylbenzene	11.793	105	513976	58.10	ug/l	99
85) sec-Butylbenzene	11.927	105	563470	56.81	ug/l	100
86) p-Isopropyltoluene	12.049	119	506486	54.99	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	254834	49.29	ug/l	98
88) 1,4-Dichlorobenzene	12.079	146	255549	48.20	ug/l	97
89) n-Butylbenzene	12.372	91	445170	55.85	ug/l	99
90) Hexachloroethane	12.579	117	88978	51.22	ug/l	89
91) 1,2-Dichlorobenzene	12.378	146	256266	50.19	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.981	75	43828	54.28	ug/l	93
93) 1,2,4-Trichlorobenzene	13.628	180	153909	45.22	ug/l	95
94) Hexachlorobutadiene	13.762	225	68171	39.42	ug/l	98
95) Naphthalene	13.817	128	560636	48.51	ug/l	99
96) 1,2,3-Trichlorobenzene	13.999	180	157593	45.53	ug/l	98

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

