

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091421\
 Data File : VX024247.D
 Acq On : 15 Sep 2021 07:36
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/22/2021 7:38:22 PM

Quant Time: Sep 22 07:51:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 21 10:52:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	166729	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	268712	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	260988	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	133641	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	125150	52.639	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.280%			
35) Dibromofluoromethane	5.398	113	92909	51.556	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.120%			
50) Toluene-d8	8.653	98	350986	53.463	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.920%			
62) 4-Bromofluorobenzene	11.086	95	141133	55.241	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.480%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	78485	48.970	ug/l	99
3) Chloromethane	1.295	50	82653	49.384	ug/l	98
4) Vinyl Chloride	1.374	62	83261	49.987	ug/l	99
5) Bromomethane	1.599	94	47773	48.178	ug/l	99
6) Chloroethane	1.679	64	53133	48.293	ug/l	100
7) Trichlorofluoromethane	1.886	101	137582	49.241	ug/l	96
8) Diethyl Ether	2.142	74	48328	49.987	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.331	101	78302	47.703	ug/l	94
10) Methyl Iodide	2.453	142	113625	50.035	ug/l	92
11) Tert butyl alcohol	2.983	59	130015	259.954	ug/l	98
12) 1,1-Dichloroethene	2.319	96	75926	49.389	ug/l	86
13) Acrolein	2.246	56	36618	233.686	ug/l	98
14) Allyl chloride	2.666	41	135598	48.535	ug/l	91
15) Acrylonitrile	3.075	53	253454	260.638	ug/l	97
16) Acetone	2.392	43	244637	241.319	ug/l	88
17) Carbon Disulfide	2.514	76	187984	48.795	ug/l	98
18) Methyl Acetate	2.715	43	162875	51.247	ug/l	92
19) Methyl tert-butyl Ether	3.124	73	285795	50.586	ug/l	97
20) Methylene Chloride	2.794	84	90425	46.451	ug/l	90
21) trans-1,2-Dichloroethene	3.099	96	83720	49.745	ug/l	96
22) Diisopropyl ether	3.776	45	288550	52.585	ug/l	94
23) Vinyl Acetate	3.733	43	1172763	263.219	ug/l	94
24) 1,1-Dichloroethane	3.617	63	161209	50.066	ug/l	97
25) 2-Butanone	4.568	43	381541	255.530	ug/l	93
26) 2,2-Dichloropropane	4.483	77	84094	29.818	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	97947	50.393	ug/l	99
28) Bromochloromethane	4.910	49	66844	50.950	ug/l	95
29) Tetrahydrofuran	5.020	42	246479	263.736	ug/l	89
30) Chloroform	5.105	83	175534	51.264	ug/l	98
31) Cyclohexane	5.477	56	142785	51.343	ug/l	96
32) 1,1,1-Trichloroethane	5.398	97	158314	51.660	ug/l	98
36) 1,1-Dichloropropene	5.702	75	122874	49.736	ug/l	99
37) Ethyl Acetate	4.727	43	144704	50.267	ug/l	94
38) Carbon Tetrachloride	5.690	117	138817	49.922	ug/l	97
39) Methylcyclohexane	7.385	83	146856	49.788	ug/l	99
40) Benzene	6.044	78	359646	50.756	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	80196	52.239	ug/l	91
42) 1,2-Dichloroethane	6.099	62	151537	51.286	ug/l	94
43) Isopropyl Acetate	6.349	43	229127	50.001	ug/l	92
44) Trichloroethene	7.129	130	98109	49.279	ug/l	98
45) 1,2-Dichloropropane	7.440	63	93913	50.216	ug/l	99
46) Dibromomethane	7.586	93	67872	49.580	ug/l	98
47) Bromodichloromethane	7.830	83	131268	51.568	ug/l	98
48) Methyl methacrylate	7.696	41	117807	51.525	ug/l	87
49) 1,4-Dioxane	7.665	88	50818	1061.478	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	784084	268.516	ug/l	92
52) Toluene	8.726	92	238228	51.297	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	137873	47.761	ug/l	100
54) cis-1,3-Dichloropropene	8.373	75	142203	47.602	ug/l #	91
55) 1,1,2-Trichloroethane	9.159	97	99590	50.353	ug/l	99
56) Ethyl methacrylate	9.122	69	157641	47.809	ug/l #	83
57) 1,3-Dichloropropane	9.311	76	164731	51.142	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.251	63	390778	273.018	ug/l	98
59) 2-Hexanone	9.433	43	632593	278.025	ug/l	88
60) Dibromochloromethane	9.525	129	103400	46.233	ug/l	98
61) 1,2-Dibromoethane	9.616	107	106578	50.572	ug/l	100
64) Tetrachloroethene	9.275	164	100788	49.850	ug/l	94
65) Chlorobenzene	10.086	112	262793	48.943	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	100265	50.385	ug/l	99
67) Ethyl Benzene	10.195	91	476583	50.739	ug/l	99
68) m/p-Xylenes	10.305	106	371255	103.241	ug/l	97
69) o-Xylene	10.647	106	186139	51.855	ug/l	99
70) Styrene	10.659	104	308277	52.940	ug/l	97
71) Bromoform	10.805	173	78751	47.485	ug/l	99
73) Isopropylbenzene	10.964	105	488012	49.037	ug/l	100
74) N-amyl acetate	10.848	43	220552	52.645	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.214	83	156877	48.726	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	148046m	48.177	ug/l	
77) Bromobenzene	11.201	156	122090	48.813	ug/l	96
78) n-propylbenzene	11.305	91	560187	49.827	ug/l	99
79) 2-Chlorotoluene	11.366	91	345271	49.442	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	418800	49.924	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.025	75	43971	42.083	ug/l	91
82) 4-Chlorotoluene	11.457	91	400236	50.373	ug/l	100
83) tert-Butylbenzene	11.720	119	407201	50.293	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	419096	50.788	ug/l	99
85) sec-Butylbenzene	11.896	105	512983	50.569	ug/l	100
86) p-Isopropyltoluene	12.012	119	433363	50.893	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	223599	49.909	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	223557	48.887	ug/l	99
89) n-Butylbenzene	12.335	91	365131	49.558	ug/l	97
90) Hexachloroethane	12.543	117	69938	50.978	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	218228	49.651	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	34984	47.362	ug/l	88
93) 1,2,4-Trichlorobenzene	13.591	180	127176	49.101	ug/l	98
94) Hexachlorobutadiene	13.725	225	58430	45.176	ug/l	99
95) Naphthalene	13.780	128	437994	45.966	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	128057	49.051	ug/l	99

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

