

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071621\
 Data File : VX023314.D
 Acq On : 16 Jul 2021 09:13
 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
 7/19/2021 5:53:12 PM

Quant Time: Jul 17 02:05:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 14:29:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	265441	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	406757	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	379069	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	196727	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	173150	48.535	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.080%
35) Dibromofluoromethane	5.385	113	132090	50.288	ug/l	-0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.580%
50) Toluene-d8	8.653	98	471804	48.153	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.300%
62) 4-Bromofluorobenzene	11.085	95	194076	51.307	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.620%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	125747	52.283	ug/l	99
3) Chloromethane	1.294	50	102695	43.156	ug/l	100
4) Vinyl Chloride	1.373	62	116097	46.056	ug/l	99
5) Bromomethane	1.599	94	54474	41.264	ug/l	96
6) Chloroethane	1.678	64	72840	44.190	ug/l	100
7) Trichlorofluoromethane	1.879	101	210933	48.149	ug/l	97
8) Diethyl Ether	2.135	74	75730	46.836	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.324	101	135450	52.834	ug/l	97
10) Methyl Iodide	2.452	142	151591	48.154	ug/l	93
11) Tert butyl alcohol	2.977	59	172165	229.396	ug/l	98
12) 1,1-Dichloroethene	2.318	96	117027	49.459	ug/l	94
13) Acrolein	2.239	56	108671	217.443	ug/l	97
14) Allyl chloride	2.666	41	209946	51.061	ug/l	92
15) Acrylonitrile	3.068	53	366411	251.079	ug/l	97
16) Acetone	2.391	43	325366	230.524	ug/l	92
17) Carbon Disulfide	2.507	76	231600	46.410	ug/l	99
18) Methyl Acetate	2.708	43	181174	52.880	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	471109	53.236	ug/l	99
20) Methylene Chloride	2.794	84	136181	44.814	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	123296	48.248	ug/l	96
22) Diisopropyl ether	3.769	45	431689	49.800	ug/l	99
23) Vinyl Acetate	3.727	43	1861562	253.738	ug/l	96
24) 1,1-Dichloroethane	3.617	63	247799	50.594	ug/l	99
25) 2-Butanone	4.568	43	530663	249.331	ug/l	95
26) 2,2-Dichloropropane	4.483	77	239619	58.289	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	154167	49.807	ug/l	95
28) Bromochloromethane	4.903	49	111450	47.963	ug/l	99
29) Tetrahydrofuran	5.013	42	332361	242.930	ug/l	94
30) Chloroform	5.098	83	271400	51.297	ug/l	99
31) Cyclohexane	5.470	56	195489	45.766	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	253228	54.955	ug/l	100
36) 1,1-Dichloropropene	5.696	75	182225	50.253	ug/l	100
37) Ethyl Acetate	4.726	43	204090	51.594	ug/l	96
38) Carbon Tetrachloride	5.684	117	219433	57.975	ug/l	99
39) Methylcyclohexane	7.385	83	217391	51.259	ug/l	99
40) Benzene	6.043	78	530014	50.344	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	115375	52.174	ug/l	93
42) 1,2-Dichloroethane	6.092	62	224122	52.979	ug/l	94
43) Isopropyl Acetate	6.348	43	342329	52.028	ug/l	94
44) Trichloroethene	7.128	130	155167	51.955	ug/l	98
45) 1,2-Dichloropropane	7.433	63	139338	50.700	ug/l	99
46) Dibromomethane	7.586	93	102571	52.259	ug/l	99
47) Bromodichloromethane	7.823	83	206527	57.632	ug/l	99
48) Methyl methacrylate	7.695	41	168052	52.052	ug/l	89
49) 1,4-Dioxane	7.665	88	65814	905.755	ug/l	97
51) 4-Methyl-2-Pentanone	8.579	43	1059255	259.802	ug/l	94
52) Toluene	8.720	92	349480	51.293	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	229529	50.629	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	240217	50.889	ug/l	93
55) 1,1,2-Trichloroethane	9.152	97	153895	53.788	ug/l	98
56) Ethyl methacrylate	9.122	69	238395	53.921	ug/l #	89
57) 1,3-Dichloropropane	9.311	76	244561	51.714	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	595957	247.719	ug/l	100
59) 2-Hexanone	9.433	43	856223	273.703	ug/l	90
60) Dibromochloromethane	9.524	129	164768	51.476	ug/l	99
61) 1,2-Dibromoethane	9.610	107	159590	54.347	ug/l	100
64) Tetrachloroethene	9.274	164	161039	53.264	ug/l	94
65) Chlorobenzene	10.079	112	393394	52.499	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.164	131	158264	58.414	ug/l	99
67) Ethyl Benzene	10.195	91	696739	52.597	ug/l	99
68) m/p-Xylenes	10.305	106	549207	108.596	ug/l	100
69) o-Xylene	10.646	106	271005	53.170	ug/l	100
70) Styrene	10.658	104	462048	55.496	ug/l	98
71) Bromoform	10.805	173	121740	52.628	ug/l	99
73) Isopropylbenzene	10.963	105	728874	52.593	ug/l	99
74) N-amyl acetate	10.847	43	294723	50.116	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	220582	50.096	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	219553m	55.459	ug/l	
77) Bromobenzene	11.201	156	177354	51.255	ug/l	98
78) n-propylbenzene	11.305	91	838746	52.338	ug/l	98
79) 2-Chlorotoluene	11.365	91	511846	51.678	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	632740	53.025	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	75700	53.072	ug/l	91
82) 4-Chlorotoluene	11.457	91	595479	53.239	ug/l	100
83) tert-Butylbenzene	11.719	119	615948	54.383	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	631460	53.549	ug/l	99
85) sec-Butylbenzene	11.896	105	792235	54.361	ug/l	99
86) p-Isopropyltoluene	12.012	119	680292	55.646	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	343649	52.889	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	345956	52.878	ug/l	99
89) n-Butylbenzene	12.335	91	588737	54.975	ug/l	98
90) Hexachloroethane	12.542	117	111560	53.145	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	339676	52.551	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.944	75	57604	53.158	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	223679	56.178	ug/l	98
94) Hexachlorobutadiene	13.725	225	102148	60.591	ug/l	99
95) Naphthalene	13.780	128	752017	51.173	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	229117	57.215	ug/l	99

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

