

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071421\
 Data File : VX023291.D
 Acq On : 14 Jul 2021 19:54
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/15/2021 5:51:59 PM

Quant Time: Jul 15 04:31:04 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	5.562	168	256422	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	416589	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	381738	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	192142	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	174161	50.536	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 101.080%	
35) Dibromofluoromethane	5.397	113	134521	50.005	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.000%	
50) Toluene-d8	8.653	98	485004	48.332	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 96.660%	
62) 4-Bromofluorobenzene	11.085	95	194134	50.112	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.220%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	115244	49.601	ug/l	99
3) Chloromethane	1.295	50	100272	43.620	ug/l	100
4) Vinyl Chloride	1.374	62	111984	45.986	ug/l	99
5) Bromomethane	1.599	94	51473	40.235	ug/l	96
6) Chloroethane	1.679	64	71103	44.653	ug/l	99
7) Trichlorofluoromethane	1.880	101	198299	46.857	ug/l	97
8) Diethyl Ether	2.142	74	74513	47.704	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	123941	50.045	ug/l	96
10) Methyl Iodide	2.453	142	150798	49.587	ug/l	94
11) Tert butyl alcohol	2.983	59	168686	232.666	ug/l	97
12) 1,1-Dichloroethene	2.319	96	113497	49.654	ug/l	96
13) Acrolein	2.246	56	90672	187.809	ug/l	99
14) Allyl chloride	2.666	41	198312	49.928	ug/l	94
15) Acrylonitrile	3.075	53	365343	259.153	ug/l	97
16) Acetone	2.392	43	335471	246.043	ug/l	91
17) Carbon Disulfide	2.514	76	196649	40.792	ug/l	99
18) Methyl Acetate	2.715	43	177602	53.661	ug/l	94
19) Methyl tert-butyl Ether	3.123	73	461327	53.964	ug/l	97
20) Methylene Chloride	2.794	84	137104	46.704	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	121075	49.045	ug/l	96
22) Diisopropyl ether	3.776	45	422795	50.489	ug/l	92
23) Vinyl Acetate	3.733	43	1808433	255.166	ug/l	97
24) 1,1-Dichloroethane	3.617	63	244378	51.650	ug/l	99
25) 2-Butanone	4.568	43	520018	252.924	ug/l	96
26) 2,2-Dichloropropane	4.483	77	180523	45.458	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	155104	51.873	ug/l	98
28) Bromochloromethane	4.910	49	107949	48.091	ug/l	98
29) Tetrahydrofuran	5.019	42	331207	250.601	ug/l	94
30) Chloroform	5.105	83	265818	52.009	ug/l	100
31) Cyclohexane	5.483	56	189794	45.996	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	238496	53.579	ug/l	100
36) 1,1-Dichloropropene	5.702	75	176584	47.548	ug/l	99
37) Ethyl Acetate	4.727	43	198330	48.955	ug/l	97
38) Carbon Tetrachloride	5.684	117	204515	52.758	ug/l	98
39) Methylcyclohexane	7.385	83	203293	46.803	ug/l	98
40) Benzene	6.044	78	527699	48.941	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	113154	49.962	ug/l	94
42) 1,2-Dichloroethane	6.099	62	218928	50.530	ug/l	96
43) Isopropyl Acetate	6.355	43	331931	49.257	ug/l	95
44) Trichloroethene	7.129	130	154085	50.375	ug/l	98
45) 1,2-Dichloropropane	7.440	63	139419	49.532	ug/l	99
46) Dibromomethane	7.586	93	101043	50.266	ug/l	99
47) Bromodichloromethane	7.830	83	192342	52.407	ug/l	99
48) Methyl methacrylate	7.702	41	162120	49.029	ug/l	92
49) 1,4-Dioxane	7.665	88	68069	914.680	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	1033034	247.391	ug/l	94
52) Toluene	8.720	92	346665	49.679	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	209045	45.326	ug/l	97
54) cis-1,3-Dichloropropene	8.373	75	221922	46.117	ug/l	94
55) 1,1,2-Trichloroethane	9.159	97	150687	51.424	ug/l	97
56) Ethyl methacrylate	9.122	69	233427	51.551	ug/l	90
57) 1,3-Dichloropropane	9.311	76	241351	49.831	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.251	63	594321	241.332	ug/l	99
59) 2-Hexanone	9.433	43	797624	248.953	ug/l	90
60) Dibromochloromethane	9.525	129	152149	46.718	ug/l	98
61) 1,2-Dibromoethane	9.616	107	157112	52.240	ug/l	100
64) Tetrachloroethene	9.275	164	166184	54.581	ug/l	93
65) Chlorobenzene	10.086	112	387597	51.364	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	150761	55.256	ug/l	99
67) Ethyl Benzene	10.195	91	681832	51.112	ug/l	99
68) m/p-Xylenes	10.305	106	527750	103.623	ug/l	100
69) o-Xylene	10.646	106	265881	51.800	ug/l	99
70) Styrene	10.659	104	448093	53.444	ug/l	99
71) Bromoform	10.805	173	108317	46.971	ug/l	100
73) Isopropylbenzene	10.964	105	704996	52.084	ug/l	99
74) N-amyl acetate	10.848	43	286859	49.942	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	214331	49.838	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	207394m	53.638	ug/l	
77) Bromobenzene	11.201	156	175572	51.951	ug/l	95
78) n-propylbenzene	11.305	91	794689	50.772	ug/l	98
79) 2-Chlorotoluene	11.366	91	493591	51.024	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	601024	51.569	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	63883	46.505	ug/l	92
82) 4-Chlorotoluene	11.457	91	560404	51.299	ug/l	99
83) tert-Butylbenzene	11.719	119	583819	52.776	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	601897	52.260	ug/l	99
85) sec-Butylbenzene	11.890	105	744658	52.316	ug/l	99
86) p-Isopropyltoluene	12.012	119	634829	53.167	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	326863	51.506	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	327284	51.218	ug/l	99
89) n-Butylbenzene	12.335	91	529422	50.616	ug/l	98
90) Hexachloroethane	12.542	117	97609	47.921	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	326630	51.738	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	51262	48.663	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	204766	52.655	ug/l	98
94) Hexachlorobutadiene	13.725	225	85664	52.026	ug/l	99
95) Naphthalene	13.780	128	723622	50.435	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	212364	54.296	ug/l	99

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

