

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060721\
 Data File : VX022551.D
 Acq On : 07 Jun 2021 21:58
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/8/2021 6:58:29 PM

Quant Time: Jun 08 04:24:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 07 14:27:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	69741	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	140910	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	130197	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	55613	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	60299	48.636	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.280%		
35) Dibromofluoromethane	5.397	113	43471	49.308	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.620%		
50) Toluene-d8	8.653	98	174408	49.580	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.160%		
62) 4-Bromofluorobenzene	11.085	95	65945	50.435	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.860%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	44721	54.986	ug/l	100
3) Chloromethane	1.294	50	50093	50.996	ug/l	100
4) Vinyl Chloride	1.374	62	49679	51.817	ug/l	100
5) Bromomethane	1.599	94	27109	53.817	ug/l	95
6) Chloroethane	1.678	64	31364	51.953	ug/l	98
7) Trichlorofluoromethane	1.880	101	71523	51.224	ug/l	98
8) Diethyl Ether	2.136	74	29494	51.812	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.325	101	43012	50.243	ug/l	93
10) Methyl Iodide	2.453	142	47308	46.946	ug/l	93
11) Tert butyl alcohol	2.983	59	70543	253.667	ug/l	99
12) 1,1-Dichloroethene	2.319	96	42970	48.590	ug/l	94
13) Acrolein	2.239	56	32078	241.869	ug/l	99
14) Allyl chloride	2.666	41	82405	50.818	ug/l	95
15) Acrylonitrile	3.075	53	147804	254.936	ug/l	99
16) Acetone	2.392	43	136377	244.796	ug/l	98
17) Carbon Disulfide	2.514	76	100473	45.719	ug/l	98
18) Methyl Acetate	2.709	43	78133	50.855	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	151187	51.274	ug/l	99
20) Methylene Chloride	2.794	84	54008	46.432	ug/l	90
21) trans-1,2-Dichloroethene	3.099	96	48471	48.667	ug/l	98
22) Diisopropyl ether	3.770	45	164988	50.718	ug/l	92
23) Vinyl Acetate	3.733	43	795329	259.810	ug/l	94
24) 1,1-Dichloroethane	3.617	63	93685	50.597	ug/l	98
25) 2-Butanone	4.568	43	236037	256.363	ug/l	92
26) 2,2-Dichloropropane	4.489	77	61005	42.993	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	56792	48.570	ug/l	97
28) Bromochloromethane	4.910	49	44466	47.509	ug/l	# 80
29) Tetrahydrofuran	5.019	42	139442	258.071	ug/l	88
30) Chloroform	5.105	83	93917	50.503	ug/l	98
31) Cyclohexane	5.477	56	76619	52.242	ug/l	97
32) 1,1,1-Trichloroethane	5.397	97	77491	52.536	ug/l	97
36) 1,1-Dichloropropene	5.702	75	69543	51.016	ug/l	98
37) Ethyl Acetate	4.721	43	88817	50.797	ug/l	95
38) Carbon Tetrachloride	5.684	117	62824	48.889	ug/l	96
39) Methylcyclohexane	7.391	83	74973	49.160	ug/l	98
40) Benzene	6.050	78	215770	51.289	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	48474	50.386	ug/l	93
42) 1,2-Dichloroethane	6.098	62	77490	49.969	ug/l	97
43) Isopropyl Acetate	6.348	43	146584	51.682	ug/l	93
44) Trichloroethene	7.135	130	51303	51.686	ug/l	95
45) 1,2-Dichloropropane	7.440	63	57275	52.928	ug/l	98
46) Dibromomethane	7.586	93	37197	50.430	ug/l #	85
47) Bromodichloromethane	7.830	83	69675	48.153	ug/l	96
48) Methyl methacrylate	7.696	41	69424	52.602	ug/l	89
49) 1,4-Dioxane	7.665	88	27784	1040.922	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	471817	267.026	ug/l	91
52) Toluene	8.726	92	134067	50.743	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	77997	45.013	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	86236	46.560	ug/l	93
55) 1,1,2-Trichloroethane	9.159	97	55780	54.168	ug/l	99
56) Ethyl methacrylate	9.122	69	92634	48.518	ug/l #	88
57) 1,3-Dichloropropane	9.311	76	97184	52.222	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.250	63	239335	240.430	ug/l	96
59) 2-Hexanone	9.433	43	364231	269.835	ug/l	89
60) Dibromochloromethane	9.525	129	48149	47.045	ug/l	98
61) 1,2-Dibromoethane	9.616	107	55605	51.223	ug/l	98
64) Tetrachloroethene	9.275	164	44374	50.909	ug/l #	85
65) Chlorobenzene	10.085	112	138531	51.205	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	47135	48.928	ug/l	96
67) Ethyl Benzene	10.195	91	260437	52.315	ug/l	99
68) m/p-Xylenes	10.305	106	189130	104.526	ug/l	95
69) o-Xylene	10.646	106	95361	53.902	ug/l	99
70) Styrene	10.659	104	160361	53.613	ug/l	98
71) Bromoform	10.805	173	29202	46.475	ug/l #	99
73) Isopropylbenzene	10.963	105	245969	54.266	ug/l	98
74) N-amyl acetate	10.848	43	132775	54.596	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	87568	53.673	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	78355m	54.386	ug/l	
77) Bromobenzene	11.201	156	52250	53.503	ug/l	85
78) n-propylbenzene	11.305	91	296417	53.882	ug/l	97
79) 2-Chlorotoluene	11.366	91	174594	53.333	ug/l	96
80) 1,3,5-Trimethylbenzene	11.457	105	206378	53.291	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	26097	46.427	ug/l	92
82) 4-Chlorotoluene	11.457	91	202296	53.387	ug/l	96
83) tert-Butylbenzene	11.719	119	190230	55.142	ug/l	91
84) 1,2,4-Trimethylbenzene	11.756	105	211828	54.386	ug/l	97
85) sec-Butylbenzene	11.896	105	250948	54.662	ug/l	97
86) p-Isopropyltoluene	12.012	119	207903	54.791	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	99815	52.635	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	100058	50.646	ug/l	97
89) n-Butylbenzene	12.335	91	195986	53.793	ug/l	97
90) Hexachloroethane	12.542	117	30208	48.505	ug/l	75
91) 1,2-Dichlorobenzene	12.335	146	98233	54.578	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	18634	50.454	ug/l	77
93) 1,2,4-Trichlorobenzene	13.591	180	57014	52.689	ug/l	96
94) Hexachlorobutadiene	13.725	225	19855	51.198	ug/l	98
95) Naphthalene	13.780	128	243176	56.055	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	57955	53.589	ug/l	97

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

