

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060221\
 Data File : VX022349.D
 Acq On : 02 Jun 2021 19:23
 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

SAM
 6/3/2021 5:44:29 PM

Quant Time: Jun 03 02:24:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	85027	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	172410	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	154750	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67940	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	77368	58.987	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 117.980%#			
35) Dibromofluoromethane	5.391	113	58292	53.315	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.640%			
50) Toluene-d8	8.653	98	224692	53.350	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.700%			
62) 4-Bromofluorobenzene	11.085	95	83880	53.883	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.760%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	52648	50.932	ug/l	98
3) Chloromethane	1.294	50	62188	55.774	ug/l	97
4) Vinyl Chloride	1.374	62	63753	54.035	ug/l	100
5) Bromomethane	1.599	94	36020	52.366	ug/l	98
6) Chloroethane	1.678	64	39133	55.704	ug/l	99
7) Trichlorofluoromethane	1.880	101	91464	53.917	ug/l	94
8) Diethyl Ether	2.136	74	36481	50.004	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.325	101	52210	51.830	ug/l	91
10) Methyl Iodide	2.453	142	64532	59.611	ug/l	94
11) Tert butyl alcohol	2.983	59	85283	284.287	ug/l	99
12) 1,1-Dichloroethene	2.319	96	54946	56.384	ug/l	98
13) Acrolein	2.239	56	56519	284.067	ug/l	99
14) Allyl chloride	2.666	41	103114	57.611	ug/l	97
15) Acrylonitrile	3.075	53	177896	301.216	ug/l	99
16) Acetone	2.386	43	160342	280.756	ug/l	97
17) Carbon Disulfide	2.514	76	138963	54.445	ug/l	98
18) Methyl Acetate	2.709	43	90760	59.756	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	187449	56.152	ug/l	100
20) Methylene Chloride	2.794	84	66052	52.090	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	60516	57.092	ug/l	95
22) Diisopropyl ether	3.769	45	201778	58.532	ug/l #	95
23) Vinyl Acetate	3.727	43	985941	297.042	ug/l	95
24) 1,1-Dichloroethane	3.617	63	117127	57.897	ug/l	98
25) 2-Butanone	4.568	43	278932	301.894	ug/l	94
26) 2,2-Dichloropropane	4.483	77	79352	44.186	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	72744	56.431	ug/l	99
28) Bromochloromethane	4.910	49	57547	58.636	ug/l	83
29) Tetrahydrofuran	5.019	42	166749	303.224	ug/l	89
30) Chloroform	5.105	83	116373	55.674	ug/l	98
31) Cyclohexane	5.470	56	95569	57.984	ug/l	90
32) 1,1,1-Trichloroethane	5.391	97	97989	54.861	ug/l	98
36) 1,1-Dichloropropene	5.702	75	88330	55.405	ug/l	97
37) Ethyl Acetate	4.727	43	109901	56.235	ug/l #	94
38) Carbon Tetrachloride	5.684	117	81906	52.519	ug/l	97
39) Methylcyclohexane	7.385	83	94040	52.009	ug/l	96
40) Benzene	6.043	78	266188	54.265	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	57512	55.008	ug/l	95
42) 1,2-Dichloroethane	6.098	62	93626	54.480	ug/l	97
43) Isopropyl Acetate	6.348	43	179886	56.273	ug/l	94
44) Trichloroethene	7.129	130	63201	51.849	ug/l	94
45) 1,2-Dichloropropane	7.440	63	68920	55.078	ug/l	94
46) Dibromomethane	7.586	93	45724	53.861	ug/l #	86
47) Bromodichloromethane	7.830	83	87442	51.474	ug/l	98
48) Methyl methacrylate	7.702	41	83392	56.607	ug/l	90
49) 1,4-Dioxane	7.665	88	32143	1120.641	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	555315	290.009	ug/l	91
52) Toluene	8.726	92	163472	52.623	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	100204	51.101	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	109691	52.031	ug/l	92
55) 1,1,2-Trichloroethane	9.159	97	65917	52.270	ug/l	99
56) Ethyl methacrylate	9.122	69	113977	55.921	ug/l #	88
57) 1,3-Dichloropropane	9.311	76	118005	54.807	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.250	63	280594	254.547	ug/l	96
59) 2-Hexanone	9.433	43	421288	292.531	ug/l	89
60) Dibromochloromethane	9.525	129	61052	49.762	ug/l	99
61) 1,2-Dibromoethane	9.616	107	68394	54.470	ug/l	100
64) Tetrachloroethene	9.281	164	51040	50.236	ug/l	92
65) Chlorobenzene	10.085	112	167996	52.150	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	58653	52.398	ug/l	98
67) Ethyl Benzene	10.195	91	313866	52.963	ug/l	100
68) m/p-Xylenes	10.305	106	229523	102.481	ug/l	98
69) o-Xylene	10.646	106	112964	51.860	ug/l	96
70) Styrene	10.659	104	192813	54.033	ug/l	98
71) Bromoform	10.805	173	37904	44.350	ug/l #	99
73) Isopropylbenzene	10.963	105	297308	51.703	ug/l	99
74) N-amyl acetate	10.848	43	158211	57.966	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	104445	54.800	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	93117m	55.556	ug/l	
77) Bromobenzene	11.201	156	61779	50.671	ug/l	85
78) n-propylbenzene	11.305	91	355030	52.712	ug/l	97
79) 2-Chlorotoluene	11.366	91	208992	51.160	ug/l	97
80) 1,3,5-Trimethylbenzene	11.457	105	244535	51.310	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	32553	46.018	ug/l	95
82) 4-Chlorotoluene	11.457	91	238471	50.669	ug/l	96
83) tert-Butylbenzene	11.719	119	228581	50.009	ug/l	92
84) 1,2,4-Trimethylbenzene	11.756	105	248998	51.906	ug/l	98
85) sec-Butylbenzene	11.896	105	297540	51.226	ug/l	98
86) p-Isopropyltoluene	12.012	119	246251	50.196	ug/l	97
87) 1,3-Dichlorobenzene	11.975	146	116941	49.746	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	117250	48.254	ug/l	97
89) n-Butylbenzene	12.335	91	228427	50.338	ug/l	98
90) Hexachloroethane	12.542	117	38527	47.519	ug/l	73
91) 1,2-Dichlorobenzene	12.335	146	115018	50.939	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	21495	52.704	ug/l	82
93) 1,2,4-Trichlorobenzene	13.591	180	67170	49.300	ug/l	97
94) Hexachlorobutadiene	13.731	225	22511	42.330	ug/l	100
95) Naphthalene	13.780	128	282950	53.251	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	67070	48.834	ug/l	96

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

