

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060621\
 Data File : VX022502.D
 Acq On : 07 Jun 2021 01:11
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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6/7/2021 4:56:45 PM

Quant Time: Jun 07 04:30:34 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	71876	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	154546	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	140488	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	63478	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	60356	54.437	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.880%			
35) Dibromofluoromethane	5.397	113	43710	44.599	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 89.200%			
50) Toluene-d8	8.653	98	171163	45.338	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 90.680%#			
62) 4-Bromofluorobenzene	11.085	95	65196	46.721	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.440%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	40857	46.757	ug/l	95
3) Chloromethane	1.294	50	48526	51.484	ug/l	100
4) Vinyl Chloride	1.374	62	48442	48.570	ug/l	99
5) Bromomethane	1.599	94	26138	44.952	ug/l	99
6) Chloroethane	1.679	64	30330	51.072	ug/l	99
7) Trichlorofluoromethane	1.880	101	70714	49.312	ug/l	96
8) Diethyl Ether	2.136	74	29196	47.341	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.325	101	41095	48.260	ug/l	90
10) Methyl Iodide	2.453	142	48319	52.801	ug/l	94
11) Tert butyl alcohol	2.983	59	73839	291.174	ug/l	100
12) 1,1-Dichloroethene	2.319	96	42645	51.768	ug/l	99
13) Acrolein	2.246	56	30152	179.273	ug/l	98
14) Allyl chloride	2.666	41	74889	49.497	ug/l	95
15) Acrylonitrile	3.075	53	150295	301.044	ug/l	99
16) Acetone	2.392	43	145550	301.486	ug/l	94
17) Carbon Disulfide	2.514	76	95353	44.195	ug/l	98
18) Methyl Acetate	2.709	43	78564	61.190	ug/l	90
19) Methyl tert-butyl Ether	3.123	73	152133	53.911	ug/l	97
20) Methylene Chloride	2.794	84	53506	49.916	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	47867	53.421	ug/l	96
22) Diisopropyl ether	3.770	45	165161	56.676	ug/l	92
23) Vinyl Acetate	3.733	43	783840	279.362	ug/l	95
24) 1,1-Dichloroethane	3.617	63	93486	54.666	ug/l	98
25) 2-Butanone	4.568	43	234183	299.837	ug/l	92
26) 2,2-Dichloropropane	4.477	77	23375	15.398	ug/l	86
27) cis-1,2-Dichloroethene	4.495	96	57944	53.175	ug/l	95
28) Bromochloromethane	4.904	49	43978	53.009	ug/l	# 77
29) Tetrahydrofuran	5.013	42	142181	305.855	ug/l	88
30) Chloroform	5.105	83	93709	53.034	ug/l	98
31) Cyclohexane	5.477	56	74114	53.194	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	77515	51.338	ug/l	98
36) 1,1-Dichloropropene	5.702	75	69398	48.561	ug/l	96
37) Ethyl Acetate	4.727	43	89846	51.287	ug/l	95
38) Carbon Tetrachloride	5.684	117	61445	43.954	ug/l	95
39) Methylcyclohexane	7.385	83	70355	43.408	ug/l	95
40) Benzene	6.050	78	216878	49.323	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	49110	52.402	ug/l	93
42) 1,2-Dichloroethane	6.092	62	78979	51.270	ug/l	98
43) Isopropyl Acetate	6.355	43	145997	50.951	ug/l #	93
44) Trichloroethene	7.129	130	49947	45.712	ug/l	94
45) 1,2-Dichloropropane	7.434	63	56838	50.673	ug/l	98
46) Dibromomethane	7.586	93	36687	48.211	ug/l #	87
47) Bromodichloromethane	7.830	83	68820	45.194	ug/l	97
48) Methyl methacrylate	7.696	41	69731	52.805	ug/l	90
49) 1,4-Dioxane	7.665	88	28937	1125.481	ug/l	94
51) 4-Methyl-2-Pentanone	8.580	43	475414	276.980	ug/l	91
52) Toluene	8.726	92	132710	47.659	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	67093	38.170	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	75157	39.771	ug/l	96
55) 1,1,2-Trichloroethane	9.159	97	55148	48.785	ug/l	98
56) Ethyl methacrylate	9.122	69	91047	49.835	ug/l #	86
57) 1,3-Dichloropropane	9.311	76	95889	49.683	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	227526	230.264	ug/l	96
59) 2-Hexanone	9.433	43	366187	283.661	ug/l	88
60) Dibromochloromethane	9.525	129	48859	44.427	ug/l	99
61) 1,2-Dibromoethane	9.616	107	56193	49.926	ug/l	99
64) Tetrachloroethene	9.281	164	43278	46.921	ug/l	92
65) Chlorobenzene	10.086	112	136250	46.589	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	46593	45.850	ug/l	97
67) Ethyl Benzene	10.195	91	255388	47.470	ug/l	98
68) m/p-Xylenes	10.305	106	188846	92.879	ug/l	98
69) o-Xylene	10.646	106	92345	46.698	ug/l	97
70) Styrene	10.659	104	157689	48.676	ug/l	98
71) Bromoform	10.805	173	28681	37.200	ug/l #	100
73) Isopropylbenzene	10.963	105	242724	45.178	ug/l	98
74) N-amyl acetate	10.848	43	134278	52.655	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	88745	49.836	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	77310m	49.367	ug/l	
77) Bromobenzene	11.201	156	50968	44.742	ug/l	84
78) n-propylbenzene	11.305	91	286686	45.557	ug/l	98
79) 2-Chlorotoluene	11.366	91	172286	45.139	ug/l	97
80) 1,3,5-Trimethylbenzene	11.457	105	202839	45.553	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	18140	27.446	ug/l	89
82) 4-Chlorotoluene	11.457	91	196317	44.645	ug/l	96
83) tert-Butylbenzene	11.719	119	187768	43.968	ug/l	91
84) 1,2,4-Trimethylbenzene	11.756	105	206388	46.048	ug/l	97
85) sec-Butylbenzene	11.896	105	243089	44.793	ug/l	97
86) p-Isopropyltoluene	12.012	119	200843	43.818	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	96984	44.156	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	98783	43.511	ug/l	96
89) n-Butylbenzene	12.335	91	180761	42.634	ug/l	97
90) Hexachloroethane	12.542	117	31108	41.066	ug/l	72
91) 1,2-Dichlorobenzene	12.341	146	95946	45.479	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	18344	48.140	ug/l	76
93) 1,2,4-Trichlorobenzene	13.591	180	54746	43.005	ug/l	97
94) Hexachlorobutadiene	13.725	225	18626	37.487	ug/l	99
95) Naphthalene	13.780	128	243648	49.078	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	55009	42.868	ug/l	96

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

