

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060421\
 Data File : VX022412.D
 Acq On : 04 Jun 2021 14:58
 Operator : JC/MD
 Sample : VX0604WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0604WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/7/2021 4:59:07 PM

Quant Time: Jun 04 15:52:50 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	5.556	168	85433	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	165943	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	148863	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67006	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	66783	50.675	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.360%			
35) Dibromofluoromethane	5.391	113	49973	47.488	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.980%			
50) Toluene-d8	8.653	98	196194	48.399	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.800%			
62) 4-Bromofluorobenzene	11.085	95	74113	49.464	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.920%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	17662	17.005	ug/l	98
3) Chloromethane	1.295	50	19688	17.574	ug/l	100
4) Vinyl Chloride	1.374	62	20147	16.995	ug/l	100
5) Bromomethane	1.599	94	11981	17.335	ug/l	91
6) Chloroethane	1.685	64	12119	17.169	ug/l	97
7) Trichlorofluoromethane	1.886	101	29378	17.236	ug/l	94
8) Diethyl Ether	2.136	74	12006	16.378	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.331	101	18599	18.376	ug/l	88
10) Methyl Iodide	2.453	142	19187	17.640	ug/l	96
11) Tert butyl alcohol	2.971	59	26350	87.419	ug/l	97
12) 1,1-Dichloroethene	2.319	96	17573	17.947	ug/l	94
13) Acrolein	2.239	56	12050	60.276	ug/l	100
14) Allyl chloride	2.666	41	31963	17.773	ug/l	95
15) Acrylonitrile	3.069	53	54196	91.329	ug/l	97
16) Acetone	2.386	43	55861	97.347	ug/l	100
17) Carbon Disulfide	2.514	76	39577	15.432	ug/l	97
18) Methyl Acetate	2.709	43	28057	18.385	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	58351	17.396	ug/l	100
20) Methylene Chloride	2.794	84	20866	16.377	ug/l	88
21) trans-1,2-Dichloroethene	3.093	96	19565	18.370	ug/l	97
22) Diisopropyl ether	3.770	45	62219	17.963	ug/l	96
23) Vinyl Acetate	3.727	43	301365	90.363	ug/l	95
24) 1,1-Dichloroethane	3.611	63	36512	17.962	ug/l	97
25) 2-Butanone	4.568	43	88831	95.687	ug/l	96
26) 2,2-Dichloropropane	4.477	77	30653	16.988	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	22868	17.656	ug/l	98
28) Bromochloromethane	4.904	49	18568	18.829	ug/l #	80
29) Tetrahydrofuran	5.013	42	50449	91.303	ug/l	91
30) Chloroform	5.099	83	37355	17.786	ug/l	97
31) Cyclohexane	5.471	56	30445	18.384	ug/l	94
32) 1,1,1-Trichloroethane	5.391	97	30379	16.927	ug/l	97
36) 1,1-Dichloropropene	5.702	75	28310	18.449	ug/l	96
37) Ethyl Acetate	4.721	43	33683	17.907	ug/l #	95
38) Carbon Tetrachloride	5.678	117	24757	16.493	ug/l	98
39) Methylcyclohexane	7.385	83	31796	18.270	ug/l	98
40) Benzene	6.044	78	85646	18.140	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	18143	18.029	ug/l	94
42) 1,2-Dichloroethane	6.099	62	30742	18.586	ug/l	98
43) Isopropyl Acetate	6.348	43	55346	17.988	ug/l #	92
44) Trichloroethene	7.129	130	21049	17.941	ug/l	98
45) 1,2-Dichloropropane	7.434	63	21357	17.733	ug/l	92
46) Dibromomethane	7.586	93	14149	17.316	ug/l #	85
47) Bromodichloromethane	7.830	83	25627	15.673	ug/l	97
48) Methyl methacrylate	7.696	41	25620	18.069	ug/l	90
49) 1,4-Dioxane	7.665	88	10749	389.360	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	170005	92.244	ug/l	92
52) Toluene	8.720	92	53392	17.857	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	30649	16.239	ug/l	99
54) cis-1,3-Dichloropropene	8.373	75	33282	16.402	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	21156	17.430	ug/l	95
56) Ethyl methacrylate	9.122	69	33778	17.219	ug/l #	86
57) 1,3-Dichloropropane	9.311	76	37712	18.198	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	87066	82.062	ug/l	97
59) 2-Hexanone	9.433	43	135568	97.803	ug/l	89
60) Dibromochloromethane	9.525	129	17268	14.623	ug/l	100
61) 1,2-Dibromoethane	9.610	107	21262	17.593	ug/l	100
64) Tetrachloroethene	9.275	164	17059	17.454	ug/l #	85
65) Chlorobenzene	10.080	112	53583	17.291	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	18039	16.753	ug/l	97
67) Ethyl Benzene	10.195	91	101605	17.823	ug/l	99
68) m/p-Xylenes	10.305	106	76057	35.302	ug/l	96
69) o-Xylene	10.647	106	36453	17.397	ug/l	95
70) Styrene	10.659	104	61036	17.781	ug/l	97
71) Bromoform	10.805	173	10128	13.338	ug/l #	96
73) Isopropylbenzene	10.964	105	97893	17.261	ug/l	99
74) N-amyl acetate	10.848	43	49199	18.277	ug/l	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	33226	17.676	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	29153m	17.636	ug/l	
77) Bromobenzene	11.201	156	19716	16.396	ug/l	82
78) n-propylbenzene	11.305	91	117348	17.666	ug/l	98
79) 2-Chlorotoluene	11.366	91	69778	17.319	ug/l	97
80) 1,3,5-Trimethylbenzene	11.457	105	82717	17.598	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	9137	13.096	ug/l	89
82) 4-Chlorotoluene	11.457	91	80297	17.299	ug/l	97
83) tert-Butylbenzene	11.719	119	76516	16.974	ug/l	91
84) 1,2,4-Trimethylbenzene	11.756	105	83661	17.683	ug/l	98
85) sec-Butylbenzene	11.896	105	101577	17.732	ug/l	97
86) p-Isopropyltoluene	12.012	119	83140	17.184	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	38862	16.762	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	39337	16.415	ug/l	95
89) n-Butylbenzene	12.335	91	78925	17.635	ug/l	98
90) Hexachloroethane	12.543	117	10842	13.559	ug/l	74
91) 1,2-Dichlorobenzene	12.341	146	38080	17.100	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6340	15.762	ug/l	73
93) 1,2,4-Trichlorobenzene	13.591	180	22841	16.998	ug/l	95
94) Hexachlorobutadiene	13.731	225	8717	16.620	ug/l	96
95) Naphthalene	13.780	128	90999	17.365	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	22677	16.742	ug/l	97

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

