

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052421\
 Data File : VX022148.D
 Acq On : 24 May 2021 15:25
 Operator : JC/MD
 Sample : VX0524WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0524WBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/25/2021 5:59:36 PM

Quant Time: May 25 02:06:24 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	5.568	168	83756	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	164472	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	149510	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	65419	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	68967	53.38	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.76%			
35) Dibromofluoromethane	5.397	113	52423	50.26	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.52%			
50) Toluene-d8	8.653	98	206093	51.30	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.60%			
62) 4-Bromofluorobenzene	11.085	95	75393	50.77	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.54%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.172	85	19628	19.28	ug/l	100
3) Chloromethane	1.294	50	21612	19.68	ug/l	99
4) Vinyl Chloride	1.374	62	22441	19.31	ug/l	99
5) Bromomethane	1.599	94	12678	18.71	ug/l	100
6) Chloroethane	1.685	64	14049	20.30	ug/l	99
7) Trichlorofluoromethane	1.886	101	32897	19.69	ug/l	98
8) Diethyl Ether	2.142	74	14015	19.50	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.331	101	17900	18.04	ug/l	89
10) Methyl Iodide	2.453	142	19131	17.94	ug/l	96
11) Tert butyl alcohol	2.983	59	33128	112.11	ug/l	99
12) 1,1-Dichloroethene	2.319	96	17452	18.18	ug/l	81
13) Acrolein	2.245	56	20697	105.60	ug/l	100
14) Allyl chloride	2.666	41	34224	19.41	ug/l	98
15) Acrylonitrile	3.075	53	63706	109.50	ug/l	99
16) Acetone	2.392	43	58013	103.12	ug/l	99
17) Carbon Disulfide	2.514	76	42595	16.94	ug/l	100
18) Methyl Acetate	2.715	43	32562	21.76	ug/l	95
19) Methyl tert-butyl Ether	3.129	73	67158	20.42	ug/l	99
20) Methylene Chloride	2.794	84	23191	18.57	ug/l	89
21) trans-1,2-Dichloroethene	3.099	96	20494	19.63	ug/l	97
22) Diisopropyl ether	3.770	45	66692	19.64	ug/l #	83
23) Vinyl Acetate	3.733	43	325748	99.63	ug/l	96
24) 1,1-Dichloroethane	3.617	63	39877	20.01	ug/l	98
25) 2-Butanone	4.574	43	99497	109.32	ug/l	93
26) 2,2-Dichloropropane	4.483	77	33619	19.00	ug/l	97
27) cis-1,2-Dichloroethene	4.507	96	25475	20.06	ug/l	98
28) Bromochloromethane	4.910	49	19705	20.38	ug/l #	81
29) Tetrahydrofuran	5.025	42	57329	105.83	ug/l	93
30) Chloroform	5.105	83	40684	19.76	ug/l	98
31) Cyclohexane	5.477	56	29892	18.41	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	34574	19.65	ug/l	99
36) 1,1-Dichloropropene	5.702	75	28564	18.78	ug/l	99
37) Ethyl Acetate	4.733	43	37607	20.17	ug/l	97
38) Carbon Tetrachloride	5.690	117	28874	19.41	ug/l	92
39) Methylcyclohexane	7.391	83	31988	18.54	ug/l	99
40) Benzene	6.050	78	90118	19.26	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	19855	19.91	ug/l	96
42) 1,2-Dichloroethane	6.098	62	31792	19.39	ug/l	99
43) Isopropyl Acetate	6.354	43	62245	20.41	ug/l	94
44) Trichloroethene	7.135	130	22571	19.41	ug/l	93
45) 1,2-Dichloropropane	7.440	63	23129	19.38	ug/l	100
46) Dibromomethane	7.586	93	15750	19.45	ug/l #	87
47) Bromodichloromethane	7.830	83	31076	19.18	ug/l	97
48) Methyl methacrylate	7.702	41	27885	19.84	ug/l	92
49) 1,4-Dioxane	7.671	88	13136	480.08	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	195338	106.94	ug/l	94
52) Toluene	8.726	92	56822	19.17	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	35837	19.16	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	37957	18.87	ug/l	96
55) 1,1,2-Trichloroethane	9.159	97	23789	19.77	ug/l	97
56) Ethyl methacrylate	9.122	69	38425	19.76	ug/l #	89
57) 1,3-Dichloropropane	9.317	76	40987	19.96	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.250	63	99423	94.55	ug/l	98
59) 2-Hexanone	9.433	43	150789	109.76	ug/l	91
60) Dibromochloromethane	9.525	129	21873	18.69	ug/l	100
61) 1,2-Dibromoethane	9.616	107	23919	19.97	ug/l	97
64) Tetrachloroethene	9.281	164	20530	20.91	ug/l	86
65) Chlorobenzene	10.086	112	59698	19.18	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	21631	20.00	ug/l	99
67) Ethyl Benzene	10.201	91	109309	19.09	ug/l	98
68) m/p-Xylenes	10.305	106	84698	39.14	ug/l	98
69) o-Xylene	10.646	106	41396	19.67	ug/l	97
70) Styrene	10.659	104	66683	19.34	ug/l	98
71) Bromoform	10.805	173	13806	17.60	ug/l #	97
73) Isopropylbenzene	10.963	105	107295	19.38	ug/l	100
74) N-amyl acetate	10.848	43	52092	19.82	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	36748	20.02	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	33796m	20.94	ug/l	
77) Bromobenzene	11.201	156	22604	19.25	ug/l	87
78) n-propylbenzene	11.311	91	124883	19.26	ug/l	99
79) 2-Chlorotoluene	11.366	91	74503	18.94	ug/l	100
80) 1,3,5-Trimethylbenzene	11.457	105	90149	19.64	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	12140	17.82	ug/l	96
82) 4-Chlorotoluene	11.457	91	85070	18.77	ug/l	98
83) tert-Butylbenzene	11.719	119	83716	19.02	ug/l	91
84) 1,2,4-Trimethylbenzene	11.756	105	90834	19.66	ug/l	98
85) sec-Butylbenzene	11.896	105	110027	19.67	ug/l	98
86) p-Isopropyltoluene	12.012	119	90537	19.17	ug/l	97
87) 1,3-Dichlorobenzene	11.975	146	43431	19.19	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	43528	18.60	ug/l	95
89) n-Butylbenzene	12.335	91	82778	18.94	ug/l	99
90) Hexachloroethane	12.542	117	13610	17.43	ug/l	77
91) 1,2-Dichlorobenzene	12.341	146	43113	19.83	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8312	21.17	ug/l	82
93) 1,2,4-Trichlorobenzene	13.591	180	24561	18.72	ug/l	97
94) Hexachlorobutadiene	13.731	225	9711	18.96	ug/l	99
95) Naphthalene	13.780	128	105797	20.68	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	26084	19.72	ug/l	97

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

