

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051821\
 Data File : VX022056.D
 Acq On : 18 May 2021 13:08
 Operator : JC/MD
 Sample : VX0518WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0518WBS02

Manual Integrations
 APPROVED

MMDadoda
 5/20/2021 5:57:11 PM

Quant Time: May 19 01:58:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050721W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 08 05:38:18 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	87812	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	164277	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	147644	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67367	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	73934	51.16	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.32%			
35) Dibromofluoromethane	5.385	113	58078	51.59	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.18%			
50) Toluene-d8	8.653	98	219229	51.03	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.06%			
62) 4-Bromofluorobenzene	11.085	95	82401	48.60	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.20%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	22031	19.06	ug/l	100
3) Chloromethane	1.294	50	24681	17.78	ug/l	94
4) Vinyl Chloride	1.374	62	26874	16.76	ug/l	97
5) Bromomethane	1.611	94	13851	23.68	ug/l	95
6) Chloroethane	1.685	64	17585	21.09	ug/l	99
7) Trichlorofluoromethane	1.886	101	38222	17.29	ug/l	93
8) Diethyl Ether	2.136	74	15227	16.41	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.331	101	22794	20.28	ug/l	92
10) Methyl Iodide	2.453	142	23141	17.33	ug/l	94
11) Tert butyl alcohol	2.971	59	30361	78.74	ug/l	98
12) 1,1-Dichloroethene	2.325	96	21584	18.13	ug/l	95
13) Acrolein	2.239	56	12040	67.76	ug/l	100
14) Allyl chloride	2.666	41	39515	18.11	ug/l	96
15) Acrylonitrile	3.069	53	64828	89.48	ug/l	99
16) Acetone	2.386	43	65461	101.00	ug/l	97
17) Carbon Disulfide	2.514	76	56308	17.00	ug/l	100
18) Methyl Acetate	2.703	43	33327	18.54	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	73584	19.28	ug/l	98
20) Methylene Chloride	2.794	84	26338	19.79	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	24036	18.92	ug/l	95
22) Diisopropyl ether	3.764	45	74217	18.27	ug/l	95
23) Vinyl Acetate	3.727	43	361526	90.43	ug/l	96
24) 1,1-Dichloroethane	3.611	63	45320	19.41	ug/l	97
25) 2-Butanone	4.562	43	103822	93.08	ug/l	94
26) 2,2-Dichloropropane	4.483	77	40927	19.58	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	28828	19.22	ug/l	100
28) Bromochloromethane	4.904	49	23703	22.22	ug/l	83
29) Tetrahydrofuran	5.007	42	57633	86.96	ug/l	92
30) Chloroform	5.099	83	45641	19.16	ug/l	97
31) Cyclohexane	5.477	56	35719	18.71	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	40423	19.34	ug/l	98
36) 1,1-Dichloropropene	5.696	75	34227	19.66	ug/l	99
37) Ethyl Acetate	4.721	43	38574	18.34	ug/l	96
38) Carbon Tetrachloride	5.684	117	33717	19.36	ug/l	95
39) Methylcyclohexane	7.385	83	38395	19.64	ug/l	99
40) Benzene	6.038	78	102523	19.55	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	19986	17.59	ug/l	96
42) 1,2-Dichloroethane	6.092	62	36745	20.45	ug/l	100
43) Isopropyl Acetate	6.342	43	64567	18.15	ug/l	96
44) Trichloroethene	7.129	130	24873	19.53	ug/l	95
45) 1,2-Dichloropropane	7.434	63	26759	19.49	ug/l	99
46) Dibromomethane	7.580	93	18340	19.74	ug/l #	85
47) Bromodichloromethane	7.824	83	36635	19.55	ug/l	99
48) Methyl methacrylate	7.696	41	30654	18.72	ug/l	95
49) 1,4-Dioxane	7.671	88	11127	323.06	ug/l #	96
51) 4-Methyl-2-Pentanone	8.574	43	200432	90.46	ug/l	92
52) Toluene	8.720	92	64615	19.30	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	40995	18.78	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	44502	19.46	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	25844	19.32	ug/l	97
56) Ethyl methacrylate	9.116	69	43072	18.32	ug/l #	91
57) 1,3-Dichloropropane	9.311	76	45532	19.89	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	102876	89.37	ug/l	98
59) 2-Hexanone	9.433	43	154972	90.80	ug/l	91
60) Dibromochloromethane	9.525	129	25999	18.03	ug/l	99
61) 1,2-Dibromoethane	9.610	107	26623	19.08	ug/l	99
64) Tetrachloroethene	9.275	164	22172	23.34	ug/l	92
65) Chlorobenzene	10.079	112	68524	20.02	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	24760	19.70	ug/l	96
67) Ethyl Benzene	10.195	91	124869	19.80	ug/l	100
68) m/p-Xylenes	10.305	106	95345	39.55	ug/l	98
69) o-Xylene	10.646	106	46584	19.36	ug/l	98
70) Styrene	10.659	104	76113	19.03	ug/l	97
71) Bromoform	10.805	173	15944	16.68	ug/l #	100
73) Isopropylbenzene	10.963	105	120753	19.82	ug/l	100
74) N-amyl acetate	10.848	43	56244	17.23	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	40407	17.88	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	36985m	19.31	ug/l	
77) Bromobenzene	11.201	156	25552	19.48	ug/l	88
78) n-propylbenzene	11.305	91	143648	19.91	ug/l	99
79) 2-Chlorotoluene	11.366	91	84245	19.27	ug/l	100
80) 1,3,5-Trimethylbenzene	11.457	105	103577	19.79	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	14772	17.89	ug/l	98
82) 4-Chlorotoluene	11.457	91	97548	19.28	ug/l	97
83) tert-Butylbenzene	11.719	119	96160	18.95	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	102803	19.58	ug/l	100
85) sec-Butylbenzene	11.890	105	122899	19.73	ug/l	99
86) p-Isopropyltoluene	12.012	119	104855	19.75	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	49152	19.83	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	49340	19.24	ug/l	96
89) n-Butylbenzene	12.335	91	95824	19.57	ug/l	99
90) Hexachloroethane	12.542	117	16697	17.40	ug/l	79
91) 1,2-Dichlorobenzene	12.341	146	47783	19.53	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8863	17.67	ug/l	79
93) 1,2,4-Trichlorobenzene	13.591	180	28148	19.10	ug/l	97
94) Hexachlorobutadiene	13.725	225	11210	19.50	ug/l	96
95) Naphthalene	13.780	128	112156	18.57	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	29206	19.55	ug/l	96

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

