

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042021\
 Data File : VX021761.D
 Acq On : 20 Apr 2021 18:18
 Operator : JC/MD
 Sample : VX0420WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0420WBSD01

Manual Integrations
 APPROVED

MMDadoda
 4/21/2021 4:35:51 PM

Quant Time: Apr 21 11:21:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042021W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 20 13:46:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	168295	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	274002	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	252652	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	122033	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	96029	50.30	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.60%			
35) Dibromofluoromethane	5.464	113	85863	49.00	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.00%			
50) Toluene-d8	8.696	98	321845	47.77	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.54%			
62) 4-Bromofluorobenzene	11.116	95	118683	47.17	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.34%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	30823	19.03	ug/l	98
3) Chloromethane	1.313	50	39639	18.81	ug/l	99
4) Vinyl Chloride	1.392	62	37229	19.25	ug/l	99
5) Bromomethane	1.624	94	19689	23.29	ug/l	95
6) Chloroethane	1.709	64	22650	18.57	ug/l	97
7) Trichlorofluoromethane	1.910	101	49894	19.26	ug/l	98
8) Diethyl Ether	2.166	74	20856	19.53	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.361	101	29355	18.90	ug/l	97
10) Methyl Iodide	2.489	142	30234	29.10	ug/l	100
11) Tert butyl alcohol	3.014	59	41873	100.16	ug/l	100
12) 1,1-Dichloroethene	2.355	96	30727	19.77	ug/l	92
13) Acrolein	2.276	56	33124	97.94	ug/l	98
14) Allyl chloride	2.703	41	48357	19.36	ug/l	96
15) Acrylonitrile	3.117	53	85587	101.15	ug/l	100
16) Acetone	2.422	43	66955	102.01	ug/l	100
17) Carbon Disulfide	2.550	76	84885	19.16	ug/l	99
18) Methyl Acetate	2.752	43	35905	20.16	ug/l	99
19) Methyl tert-butyl Ether	3.166	73	103664	19.35	ug/l	98
20) Methylene Chloride	2.831	84	35258	17.92	ug/l	98
21) trans-1,2-Dichloroethene	3.142	96	33615	18.84	ug/l	91
22) Diisopropyl ether	3.825	45	96353	19.23	ug/l	97
23) Vinyl Acetate	3.782	43	423897	97.75	ug/l	98
24) 1,1-Dichloroethane	3.672	63	58068	19.53	ug/l	99
25) 2-Butanone	4.635	43	111999	100.77	ug/l	98
26) 2,2-Dichloropropane	4.550	77	51183	17.80	ug/l	98
27) cis-1,2-Dichloroethene	4.562	96	38930	19.20	ug/l	94
28) Bromochloromethane	4.977	49	23775	19.27	ug/l	87
29) Tetrahydrofuran	5.093	42	73319	101.39	ug/l	99
30) Chloroform	5.172	83	60668	18.84	ug/l	99
31) Cyclohexane	5.544	56	50013	18.63	ug/l	97
32) 1,1,1-Trichloroethane	5.458	97	54613	19.09	ug/l	96
36) 1,1-Dichloropropene	5.763	75	45405	18.77	ug/l	99
37) Ethyl Acetate	4.794	43	44222	19.45	ug/l	98
38) Carbon Tetrachloride	5.751	117	49049	18.52	ug/l	98
39) Methylcyclohexane	7.440	83	56484	18.03	ug/l	96
40) Benzene	6.111	78	135946	18.84	ug/l	100

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41) Methacrylonitrile	5.007	41	24505	19.15	ug/l	98
42) 1,2-Dichloroethane	6.159	62	44797	19.13	ug/l	98
43) Isopropyl Acetate	6.409	43	76011	19.09	ug/l	99
44) Trichloroethene	7.190	130	38041	18.07	ug/l	97
45) 1,2-Dichloropropane	7.488	63	34757	18.36	ug/l	94
46) Dibromomethane	7.635	93	25646	19.32	ug/l	99
47) Bromodichloromethane	7.873	83	50845	18.79	ug/l	98
48) Methyl methacrylate	7.745	41	37289	19.24	ug/l	98
49) 1,4-Dioxane	7.714	88	19132	419.73	ug/l	96
51) 4-Methyl-2-Pentanone	8.616	43	223626	98.09	ug/l	99
52) Toluene	8.763	92	88215	18.85	ug/l	100
53) t-1,3-Dichloropropene	9.019	75	56624	18.62	ug/l	100
54) cis-1,3-Dichloropropene	8.415	75	59509	18.53	ug/l	94
55) 1,1,2-Trichloroethane	9.195	97	36614	19.05	ug/l	98
56) Ethyl methacrylate	9.159	69	55705	19.15	ug/l	99
57) 1,3-Dichloropropane	9.348	76	58643	19.01	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.287	63	141470	99.47	ug/l	97
59) 2-Hexanone	9.470	43	169986	99.48	ug/l	98
60) Dibromochloromethane	9.561	129	43592	18.68	ug/l	99
61) 1,2-Dibromoethane	9.653	107	39154	18.74	ug/l	99
64) Tetrachloroethene	9.317	164	34517	17.47	ug/l	96
65) Chlorobenzene	10.122	112	98573	18.90	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.201	131	38429	19.04	ug/l	98
67) Ethyl Benzene	10.232	91	169235	18.74	ug/l	98
68) m/p-Xylenes	10.342	106	131276	37.58	ug/l	97
69) o-Xylene	10.683	106	64733	19.22	ug/l	94
70) Styrene	10.695	104	107804	18.87	ug/l	98
71) Bromoform	10.835	173	34040	18.63	ug/l #	99
73) Isopropylbenzene	11.000	105	169025	19.74	ug/l	99
74) N-amyl acetate	10.878	43	66821	20.31	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.250	83	54731	21.02	ug/l	98
76) 1,2,3-Trichloropropane	11.274	75	45675m	18.87	ug/l	
77) Bromobenzene	11.238	156	44150	19.54	ug/l	91
78) n-propylbenzene	11.341	91	187434	19.79	ug/l	99
79) 2-Chlorotoluene	11.402	91	112847	20.25	ug/l	96
80) 1,3,5-Trimethylbenzene	11.488	105	145020	20.00	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.055	75	20189	19.18	ug/l	89
82) 4-Chlorotoluene	11.494	91	128536	19.90	ug/l	98
83) tert-Butylbenzene	11.750	119	144400	19.94	ug/l	98
84) 1,2,4-Trimethylbenzene	11.786	105	143827	19.64	ug/l	99
85) sec-Butylbenzene	11.927	105	162308	19.56	ug/l	100
86) p-Isopropyltoluene	12.049	119	151826	19.26	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	74982	19.21	ug/l	99
88) 1,4-Dichlorobenzene	12.079	146	74847	18.96	ug/l	97
89) n-Butylbenzene	12.372	91	123655	18.59	ug/l	98
90) Hexachloroethane	12.579	117	28489	19.82	ug/l	96
91) 1,2-Dichlorobenzene	12.372	146	74592	19.79	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.981	75	12005	20.61	ug/l	99
93) 1,2,4-Trichlorobenzene	13.628	180	46038	16.94	ug/l	99
94) Hexachlorobutadiene	13.762	225	22670	16.96	ug/l	99
95) Naphthalene	13.817	128	157605	19.16	ug/l	100
96) 1,2,3-Trichlorobenzene	13.999	180	46062	17.66	ug/l	99

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

