

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042221\
 Data File : VX021811.D
 Acq On : 22 Apr 2021 13:07
 Operator : JC/MD
 Sample : VX0422WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBS01

Manual Integrations
 APPROVED

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 4/26/2021 4:52:10 PM

Quant Time: Apr 23 07:41:00 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	5.623	168	188577	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	304197	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.091	117	279889	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	138151	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	101367	47.38	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.76%		
35) Dibromofluoromethane	5.458	113	92613	47.61	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.22%		
50) Toluene-d8	8.695	98	350537	46.86	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.72%		
62) 4-Bromofluorobenzene	11.116	95	129762	46.45	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.90%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.184	85	33562	18.49	ug/l	99
3) Chloromethane	1.313	50	40869	17.33	ug/l	100
4) Vinyl Chloride	1.392	62	38743	17.88	ug/l	99
5) Bromomethane	1.630	94	18200	19.21	ug/l	98
6) Chloroethane	1.715	64	24411	17.87	ug/l	100
7) Trichlorofluoromethane	1.916	101	56295	19.39	ug/l	99
8) Diethyl Ether	2.166	74	22770	19.03	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.361	101	33426	19.20	ug/l	97
10) Methyl Iodide	2.489	142	21734	21.59	ug/l	99
11) Tert butyl alcohol	3.001	59	39678	84.70	ug/l	97
12) 1,1-Dichloroethene	2.355	96	33009	18.96	ug/l	93
13) Acrolein	2.270	56	31938	84.28	ug/l	99
14) Allyl chloride	2.702	41	51407	18.37	ug/l	98
15) Acrylonitrile	3.111	53	87065	91.83	ug/l	99
16) Acetone	2.416	43	66695	90.68	ug/l	99
17) Carbon Disulfide	2.550	76	89879	18.11	ug/l	99
18) Methyl Acetate	2.745	43	37924	19.00	ug/l	100
19) Methyl tert-butyl Ether	3.160	73	111346	18.55	ug/l	99
20) Methylene Chloride	2.831	84	37306	16.92	ug/l	96
21) trans-1,2-Dichloroethene	3.141	96	37057	18.54	ug/l	91
22) Diisopropyl ether	3.818	45	103978	18.52	ug/l	100
23) Vinyl Acetate	3.782	43	445391	91.66	ug/l	100
24) 1,1-Dichloroethane	3.666	63	61712	18.52	ug/l	99
25) 2-Butanone	4.623	43	113815	91.39	ug/l	99
26) 2,2-Dichloropropane	4.544	77	55463	17.21	ug/l	96
27) cis-1,2-Dichloroethene	4.556	96	42424	18.68	ug/l	94
28) Bromochloromethane	4.970	49	26987	19.52	ug/l	89
29) Tetrahydrofuran	5.086	42	74501	91.94	ug/l	99
30) Chloroform	5.172	83	66317	18.38	ug/l	97
31) Cyclohexane	5.543	56	55228	18.36	ug/l	98
32) 1,1,1-Trichloroethane	5.458	97	59725	18.63	ug/l	97
36) 1,1-Dichloropropene	5.763	75	50022	18.63	ug/l	98
37) Ethyl Acetate	4.787	43	46197	18.30	ug/l	99
38) Carbon Tetrachloride	5.751	117	53973	18.36	ug/l	99
39) Methylcyclohexane	7.433	83	64037	18.41	ug/l	97
40) Benzene	6.104	78	149242	18.63	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.995	41	26480	18.64	ug/l	97
42) 1,2-Dichloroethane	6.153	62	48986	18.84	ug/l	97
43) Isopropyl Acetate	6.403	43	81122	18.35	ug/l	99
44) Trichloroethene	7.183	130	43390	18.56	ug/l	95
45) 1,2-Dichloropropane	7.482	63	38721	18.42	ug/l	94
46) Dibromomethane	7.635	93	27150	18.42	ug/l	99
47) Bromodichloromethane	7.872	83	54318	18.08	ug/l	98
48) Methyl methacrylate	7.738	41	39310	18.27	ug/l	99
49) 1,4-Dioxane	7.708	88	17835	352.44	ug/l	95
51) 4-Methyl-2-Pentanone	8.616	43	234503	92.65	ug/l	99
52) Toluene	8.762	92	96546	18.58	ug/l	100
53) t-1,3-Dichloropropene	9.018	75	59071	17.50	ug/l	98
54) cis-1,3-Dichloropropene	8.409	75	64140	17.99	ug/l	98
55) 1,1,2-Trichloroethane	9.195	97	39448	18.49	ug/l	99
56) Ethyl methacrylate	9.153	69	57609	17.83	ug/l	99
57) 1,3-Dichloropropane	9.348	76	62883	18.36	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.287	63	152529	96.60	ug/l	97
59) 2-Hexanone	9.470	43	175391	92.45	ug/l	97
60) Dibromochloromethane	9.561	129	46624	18.00	ug/l	100
61) 1,2-Dibromoethane	9.652	107	42125	18.16	ug/l	100
64) Tetrachloroethene	9.317	164	38175	17.44	ug/l	95
65) Chlorobenzene	10.116	112	104645	18.11	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.201	131	40918	18.30	ug/l	99
67) Ethyl Benzene	10.232	91	185009	18.50	ug/l	99
68) m/p-Xylenes	10.341	106	140949	36.42	ug/l	97
69) o-Xylene	10.677	106	68645	18.40	ug/l	98
70) Styrene	10.695	104	114835	18.15	ug/l	97
71) Bromoform	10.835	173	34764	17.17	ug/l #	97
73) Isopropylbenzene	11.000	105	183221	18.90	ug/l	99
74) N-amyl acetate	10.878	43	68498	18.39	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.250	83	56927	19.32	ug/l	99
76) 1,2,3-Trichloropropane	11.274	75	46358m	16.92	ug/l	
77) Bromobenzene	11.238	156	45599	17.83	ug/l	95
78) n-propylbenzene	11.341	91	203760	19.01	ug/l	98
79) 2-Chlorotoluene	11.402	91	121506	19.26	ug/l	97
80) 1,3,5-Trimethylbenzene	11.488	105	155135	18.90	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.055	75	20020	16.80	ug/l	92
82) 4-Chlorotoluene	11.494	91	142309	19.46	ug/l	98
83) tert-Butylbenzene	11.750	119	154381	18.83	ug/l	99
84) 1,2,4-Trimethylbenzene	11.786	105	155190	18.72	ug/l	100
85) sec-Butylbenzene	11.926	105	177737	18.92	ug/l	100
86) p-Isopropyltoluene	12.048	119	167022	18.72	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	81916	18.54	ug/l	100
88) 1,4-Dichlorobenzene	12.079	146	81907	18.33	ug/l	98
89) n-Butylbenzene	12.371	91	141722	18.82	ug/l	98
90) Hexachloroethane	12.579	117	30524	18.75	ug/l	97
91) 1,2-Dichlorobenzene	12.371	146	79492	18.63	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.981	75	12427	18.85	ug/l	98
93) 1,2,4-Trichlorobenzene	13.627	180	54000	17.55	ug/l	98
94) Hexachlorobutadiene	13.761	225	23887	15.78	ug/l	98
95) Naphthalene	13.816	128	177558	19.07	ug/l	100
96) 1,2,3-Trichlorobenzene	13.999	180	53057	17.97	ug/l	97

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

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