

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042221\
 Data File : VX021812.D
 Acq On : 22 Apr 2021 13:32
 Operator : JC/MD
 Sample : VX0422WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBSD01

Manual Integrations
 APPROVED

MMDadoda
 4/26/2021 4:52:12 PM

Quant Time: Apr 23 07:41:31 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	179796	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	290865	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	268195	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	131784	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	99040	48.56	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.12%		
35) Dibromofluoromethane	5.464	113	90679	48.75	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.50%		
50) Toluene-d8	8.696	98	334543	46.78	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.56%		
62) 4-Bromofluorobenzene	11.116	95	123656	46.30	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.60%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	32134	18.57	ug/l	99
3) Chloromethane	1.313	50	40458	17.98	ug/l	100
4) Vinyl Chloride	1.392	62	36222	17.53	ug/l	100
5) Bromomethane	1.630	94	18757	20.77	ug/l	98
6) Chloroethane	1.715	64	22841	17.53	ug/l	98
7) Trichlorofluoromethane	1.916	101	53872	19.46	ug/l	99
8) Diethyl Ether	2.166	74	22219	19.48	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.361	101	31805	19.16	ug/l	95
10) Methyl Iodide	2.489	142	21994	22.41	ug/l	98
11) Tert butyl alcohol	3.008	59	39207	87.78	ug/l	96
12) 1,1-Dichloroethene	2.355	96	31959	19.25	ug/l	94
13) Acrolein	2.270	56	31116	86.12	ug/l	98
14) Allyl chloride	2.709	41	49279	18.47	ug/l	97
15) Acrylonitrile	3.111	53	89097	98.57	ug/l	100
16) Acetone	2.416	43	67391	96.10	ug/l	99
17) Carbon Disulfide	2.550	76	85248	18.01	ug/l	98
18) Methyl Acetate	2.745	43	37672	19.80	ug/l	99
19) Methyl tert-butyl Ether	3.166	73	111111	19.42	ug/l	97
20) Methylene Chloride	2.837	84	36393	17.31	ug/l	96
21) trans-1,2-Dichloroethene	3.142	96	35047	18.39	ug/l	95
22) Diisopropyl ether	3.824	45	100869	18.85	ug/l	94
23) Vinyl Acetate	3.782	43	446692	96.42	ug/l	100
24) 1,1-Dichloroethane	3.666	63	59481	18.73	ug/l	98
25) 2-Butanone	4.629	43	116519	98.13	ug/l	99
26) 2,2-Dichloropropane	4.550	77	53255	17.34	ug/l	98
27) cis-1,2-Dichloroethene	4.556	96	41653	19.23	ug/l	92
28) Bromochloromethane	4.977	49	25973	19.70	ug/l	86
29) Tetrahydrofuran	5.080	42	75079	97.18	ug/l	99
30) Chloroform	5.172	83	64705	18.81	ug/l	98
31) Cyclohexane	5.544	56	53303	18.58	ug/l	99
32) 1,1,1-Trichloroethane	5.458	97	57885	18.94	ug/l	96
36) 1,1-Dichloropropene	5.763	75	47484	18.49	ug/l	98
37) Ethyl Acetate	4.788	43	45737	18.95	ug/l	100
38) Carbon Tetrachloride	5.751	117	51731	18.40	ug/l	99
39) Methylcyclohexane	7.434	83	60495	18.19	ug/l	97
40) Benzene	6.111	78	143009	18.67	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.995	41	25579	18.84	ug/l #	93
42) 1,2-Dichloroethane	6.159	62	48227	19.40	ug/l	98
43) Isopropyl Acetate	6.409	43	78314	18.53	ug/l	99
44) Trichloroethene	7.184	130	41476	18.56	ug/l	99
45) 1,2-Dichloropropane	7.488	63	36695	18.26	ug/l	98
46) Dibromomethane	7.635	93	26985	19.15	ug/l	99
47) Bromodichloromethane	7.873	83	53723	18.70	ug/l	98
48) Methyl methacrylate	7.745	41	39554	19.22	ug/l	97
49) 1,4-Dioxane	7.708	88	17928	370.51	ug/l	96
51) 4-Methyl-2-Pentanone	8.616	43	233035	96.29	ug/l	98
52) Toluene	8.763	92	93063	18.73	ug/l	99
53) t-1,3-Dichloropropene	9.019	75	57894	17.94	ug/l	99
54) cis-1,3-Dichloropropene	8.409	75	63601	18.65	ug/l	97
55) 1,1,2-Trichloroethane	9.195	97	39070	19.15	ug/l	98
56) Ethyl methacrylate	9.153	69	57816	18.72	ug/l	98
57) 1,3-Dichloropropane	9.348	76	62261	19.01	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.287	63	150164	99.46	ug/l	97
59) 2-Hexanone	9.470	43	175433	96.71	ug/l	97
60) Dibromochloromethane	9.561	129	44879	18.12	ug/l	97
61) 1,2-Dibromoethane	9.653	107	42506	19.17	ug/l	99
64) Tetrachloroethene	9.317	164	36756	17.53	ug/l	96
65) Chlorobenzene	10.116	112	102001	18.42	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.201	131	39998	18.67	ug/l	98
67) Ethyl Benzene	10.232	91	178433	18.62	ug/l	99
68) m/p-Xylenes	10.342	106	136802	36.89	ug/l	96
69) o-Xylene	10.677	106	64786	18.12	ug/l	98
70) Styrene	10.695	104	110516	18.22	ug/l	97
71) Bromoform	10.835	173	33172	17.10	ug/l	98
73) Isopropylbenzene	11.000	105	175790	19.01	ug/l	99
74) N-amyl acetate	10.878	43	67528	19.00	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.250	83	55161	19.62	ug/l	98
76) 1,2,3-Trichloropropane	11.280	75	45953m	17.58	ug/l	
77) Bromobenzene	11.238	156	44326	18.17	ug/l	91
78) n-propylbenzene	11.341	91	195758	19.14	ug/l	98
79) 2-Chlorotoluene	11.402	91	116577	19.37	ug/l	97
80) 1,3,5-Trimethylbenzene	11.488	105	147556	18.84	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.055	75	20352	17.91	ug/l	87
82) 4-Chlorotoluene	11.494	91	134336	19.25	ug/l	97
83) tert-Butylbenzene	11.750	119	147520	18.87	ug/l	99
84) 1,2,4-Trimethylbenzene	11.786	105	147820	18.69	ug/l	99
85) sec-Butylbenzene	11.927	105	168232	18.77	ug/l	99
86) p-Isopropyltoluene	12.049	119	158465	18.62	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	78360	18.59	ug/l	100
88) 1,4-Dichlorobenzene	12.079	146	78471	18.41	ug/l	98
89) n-Butylbenzene	12.372	91	133862	18.64	ug/l	98
90) Hexachloroethane	12.579	117	28425	18.31	ug/l	100
91) 1,2-Dichlorobenzene	12.372	146	76514	18.80	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.981	75	12001	19.08	ug/l	91
93) 1,2,4-Trichlorobenzene	13.628	180	52705	17.96	ug/l	99
94) Hexachlorobutadiene	13.762	225	22770	15.77	ug/l	99
95) Naphthalene	13.817	128	177012	19.93	ug/l	100
96) 1,2,3-Trichlorobenzene	13.999	180	52585	18.67	ug/l	99

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

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