

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042321\
 Data File : VX021838.D
 Acq On : 23 Apr 2021 13:38
 Operator : JC/MD
 Sample : VX0423WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/26/2021 4:53:52 PM

Quant Time: Apr 26 04:02:25 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	194837	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	314123	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.091	117	287206	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	140827	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	106575	48.22	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.44%		
35) Dibromofluoromethane	5.458	113	98554	49.06	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.12%		
50) Toluene-d8	8.689	98	368853	47.75	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.50%		
62) 4-Bromofluorobenzene	11.116	95	135010	46.81	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.62%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.184	85	33446	17.84	ug/l	100
3) Chloromethane	1.313	50	37044	15.24	ug/l	98
4) Vinyl Chloride	1.392	62	39106	17.46	ug/l	99
5) Bromomethane	1.630	94	16122	16.47	ug/l	100
6) Chloroethane	1.715	64	24022	17.02	ug/l	98
7) Trichlorofluoromethane	1.916	101	57844	19.28	ug/l	99
8) Diethyl Ether	2.166	74	23088	18.68	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.361	101	34671	19.28	ug/l	96
10) Methyl Iodide	2.489	142	19559	19.85	ug/l	99
11) Tert butyl alcohol	3.007	59	43149	89.15	ug/l	96
12) 1,1-Dichloroethene	2.355	96	33594	18.67	ug/l	94
13) Acrolein	2.270	56	32649	83.39	ug/l	99
14) Allyl chloride	2.703	41	52961	18.32	ug/l	96
15) Acrylonitrile	3.111	53	91341	93.25	ug/l	100
16) Acetone	2.416	43	69535	91.51	ug/l	97
17) Carbon Disulfide	2.550	76	90446	17.64	ug/l	98
18) Methyl Acetate	2.745	43	39963	19.38	ug/l	98
19) Methyl tert-butyl Ether	3.166	73	115203	18.58	ug/l	99
20) Methylene Chloride	2.831	84	38702	16.99	ug/l	94
21) trans-1,2-Dichloroethene	3.141	96	38259	18.52	ug/l	94
22) Diisopropyl ether	3.824	45	105626	18.21	ug/l	93
23) Vinyl Acetate	3.782	43	463343	92.29	ug/l	99
24) 1,1-Dichloroethane	3.666	63	63011	18.31	ug/l	100
25) 2-Butanone	4.629	43	120630	93.75	ug/l	100
26) 2,2-Dichloropropane	4.544	77	58364	17.53	ug/l	97
27) cis-1,2-Dichloroethene	4.562	96	43726	18.63	ug/l	92
28) Bromochloromethane	4.976	49	27858	19.50	ug/l	88
29) Tetrahydrofuran	5.080	42	78539	93.81	ug/l	98
30) Chloroform	5.172	83	68206	18.30	ug/l	97
31) Cyclohexane	5.543	56	57516	18.50	ug/l	99
32) 1,1,1-Trichloroethane	5.458	97	61185	18.47	ug/l	97
36) 1,1-Dichloropropene	5.769	75	50177	18.10	ug/l	97
37) Ethyl Acetate	4.787	43	47348	18.17	ug/l	100
38) Carbon Tetrachloride	5.745	117	55677	18.34	ug/l	97
39) Methylcyclohexane	7.433	83	64522	17.96	ug/l	97
40) Benzene	6.110	78	153001	18.50	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.995	41	25623	17.47	ug/l	98
42) 1,2-Dichloroethane	6.159	62	49820	18.56	ug/l	98
43) Isopropyl Acetate	6.403	43	81458	17.84	ug/l	99
44) Trichloroethene	7.183	130	44525	18.45	ug/l	94
45) 1,2-Dichloropropane	7.482	63	39115	18.02	ug/l	95
46) Dibromomethane	7.635	93	27751	18.24	ug/l	99
47) Bromodichloromethane	7.872	83	55698	17.95	ug/l	98
48) Methyl methacrylate	7.744	41	39908	17.96	ug/l	98
49) 1,4-Dioxane	7.708	88	19628	375.61	ug/l	94
51) 4-Methyl-2-Pentanone	8.616	43	240803	92.14	ug/l	99
52) Toluene	8.762	92	98659	18.39	ug/l	100
53) t-1,3-Dichloropropene	9.018	75	60277	17.29	ug/l	99
54) cis-1,3-Dichloropropene	8.409	75	66073	17.94	ug/l	95
55) 1,1,2-Trichloroethane	9.195	97	40429	18.35	ug/l	98
56) Ethyl methacrylate	9.153	69	59249	17.76	ug/l	99
57) 1,3-Dichloropropane	9.348	76	64694	18.29	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.287	63	151786	93.09	ug/l	97
59) 2-Hexanone	9.470	43	180045	91.91	ug/l	97
60) Dibromochloromethane	9.561	129	47571	17.79	ug/l	98
61) 1,2-Dibromoethane	9.652	107	43348	18.10	ug/l	100
64) Tetrachloroethene	9.317	164	38406	17.10	ug/l	97
65) Chlorobenzene	10.116	112	109230	18.42	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.201	131	42372	18.47	ug/l	99
67) Ethyl Benzene	10.232	91	189982	18.51	ug/l	99
68) m/p-Xylenes	10.341	106	142662	35.92	ug/l	98
69) o-Xylene	10.677	106	68636	17.93	ug/l	96
70) Styrene	10.695	104	117254	18.06	ug/l	98
71) Bromoform	10.835	173	35431	17.06	ug/l #	100
73) Isopropylbenzene	11.000	105	187046	18.93	ug/l	99
74) N-amyl acetate	10.878	43	69494	18.30	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.250	83	57612	19.18	ug/l	99
76) 1,2,3-Trichloropropane	11.274	75	46084m	16.50	ug/l	
77) Bromobenzene	11.238	156	47180	18.10	ug/l	90
78) n-propylbenzene	11.341	91	208433	19.07	ug/l	98
79) 2-Chlorotoluene	11.402	91	121920	18.96	ug/l	95
80) 1,3,5-Trimethylbenzene	11.488	105	155166	18.54	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.055	75	20208	16.64	ug/l	89
82) 4-Chlorotoluene	11.494	91	141460	18.97	ug/l	98
83) tert-Butylbenzene	11.750	119	158379	18.96	ug/l	98
84) 1,2,4-Trimethylbenzene	11.786	105	157055	18.58	ug/l	99
85) sec-Butylbenzene	11.926	105	179624	18.76	ug/l	99
86) p-Isopropyltoluene	12.048	119	169247	18.61	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	82552	18.33	ug/l	99
88) 1,4-Dichlorobenzene	12.079	146	83002	18.22	ug/l	99
89) n-Butylbenzene	12.371	91	141809	18.47	ug/l	97
90) Hexachloroethane	12.579	117	29957	18.06	ug/l	99
91) 1,2-Dichlorobenzene	12.371	146	80356	18.47	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.981	75	12391	18.43	ug/l	91
93) 1,2,4-Trichlorobenzene	13.627	180	55464	17.68	ug/l	99
94) Hexachlorobutadiene	13.761	225	24039	15.58	ug/l	99
95) Naphthalene	13.816	128	179905	18.95	ug/l	99
96) 1,2,3-Trichlorobenzene	13.999	180	54561	18.12	ug/l	98

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

