

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070621\
 Data File : VX023138.D
 Acq On : 06 Jul 2021 11:45
 Operator : JC/MD
 Sample : VX0706WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/7/2021 6:27:59 PM

Quant Time: Jul 07 02:49:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 14:29:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	424738	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	665884	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	600388	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	288954	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.965	65	269414	47.195	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.400%		
35) Dibromofluoromethane	5.391	113	206373	47.994	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.980%		
50) Toluene-d8	8.653	98	764927	47.689	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.380%		
62) 4-Bromofluorobenzene	11.086	95	293737	47.436	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.880%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	81314	21.129	ug/l	96
3) Chloromethane	1.295	50	73205	19.226	ug/l	99
4) Vinyl Chloride	1.374	62	78592	19.484	ug/l	99
5) Bromomethane	1.599	94	46774	19.455	ug/l	93
6) Chloroethane	1.685	64	48350	18.331	ug/l	98
7) Trichlorofluoromethane	1.886	101	133085	18.985	ug/l	97
8) Diethyl Ether	2.142	74	49324	19.064	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	84498	20.598	ug/l	98
10) Methyl Iodide	2.453	142	85776	17.028	ug/l	94
11) Tert butyl alcohol	2.971	59	118021	98.276	ug/l	99
12) 1,1-Dichloroethene	2.319	96	75478	19.935	ug/l	94
13) Acrolein	2.240	56	63726	79.688	ug/l	100
14) Allyl chloride	2.666	41	135316	20.567	ug/l	93
15) Acrylonitrile	3.075	53	228099	97.682	ug/l	98
16) Acetone	2.386	43	213752	94.646	ug/l	89
17) Carbon Disulfide	2.514	76	165352	20.707	ug/l	99
18) Methyl Acetate	2.709	43	104889	19.133	ug/l	93
19) Methyl tert-butyl Ether	3.124	73	289498	20.444	ug/l	98
20) Methylene Chloride	2.794	84	87989	18.096	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	80545	19.698	ug/l	93
22) Diisopropyl ether	3.770	45	271074	19.543	ug/l	96
23) Vinyl Acetate	3.733	43	1179173	100.446	ug/l	95
24) 1,1-Dichloroethane	3.617	63	154531	19.718	ug/l	98
25) 2-Butanone	4.568	43	325738	95.647	ug/l	95
26) 2,2-Dichloropropane	4.489	77	139532	21.212	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	94731	19.127	ug/l	95
28) Bromochloromethane	4.904	49	70966	19.087	ug/l	99
29) Tetrahydrofuran	5.020	42	208156	95.084	ug/l	93
30) Chloroform	5.105	83	164960	19.485	ug/l	97
31) Cyclohexane	5.477	56	133993	19.604	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	149147	20.228	ug/l	99
36) 1,1-Dichloropropene	5.696	75	114847	19.347	ug/l	99
37) Ethyl Acetate	4.727	43	125281	19.346	ug/l	96
38) Carbon Tetrachloride	5.684	117	129719	20.935	ug/l	98
39) Methylcyclohexane	7.385	83	141528	20.385	ug/l	94
40) Benzene	6.044	78	339096	19.675	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	69744	19.266	ug/l	95
42) 1,2-Dichloroethane	6.093	62	134466	19.416	ug/l	96
43) Isopropyl Acetate	6.349	43	205114	19.043	ug/l	96
44) Trichloroethene	7.129	130	93448	19.113	ug/l	97
45) 1,2-Dichloropropane	7.440	63	88631	19.700	ug/l	95
46) Dibromomethane	7.586	93	62233	19.369	ug/l	96
47) Bromodichloromethane	7.830	83	119510	20.372	ug/l	99
48) Methyl methacrylate	7.702	41	98876	18.708	ug/l	90
49) 1,4-Dioxane	7.665	88	46021	386.888	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	640214	95.919	ug/l	92
52) Toluene	8.720	92	217088	19.463	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	132735	19.655	ug/l	100
54) cis-1,3-Dichloropropene	8.373	75	144691	20.097	ug/l	92
55) 1,1,2-Trichloroethane	9.159	97	91341	19.501	ug/l	96
56) Ethyl methacrylate	9.122	69	143467	19.822	ug/l #	89
57) 1,3-Dichloropropane	9.311	76	148500	19.182	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	348073	91.396	ug/l	99
59) 2-Hexanone	9.433	43	484070	94.523	ug/l	90
60) Dibromochloromethane	9.525	129	90355	19.313	ug/l	100
61) 1,2-Dibromoethane	9.616	107	95091	19.781	ug/l	99
64) Tetrachloroethene	9.275	164	93158	19.454	ug/l	93
65) Chlorobenzene	10.086	112	236520	19.929	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	90442	21.076	ug/l	100
67) Ethyl Benzene	10.195	91	423079	20.165	ug/l	99
68) m/p-Xylenes	10.305	106	324576	40.521	ug/l	97
69) o-Xylene	10.647	106	161444	19.999	ug/l	100
70) Styrene	10.659	104	265677	20.147	ug/l	98
71) Bromoform	10.805	173	64416	20.284	ug/l #	98
73) Isopropylbenzene	10.964	105	430331	21.140	ug/l	99
74) N-amyl acetate	10.848	43	174466	20.198	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.214	83	129781	20.067	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	125005m	21.498	ug/l	
77) Bromobenzene	11.201	156	103577	20.380	ug/l	97
78) n-propylbenzene	11.305	91	492693	20.931	ug/l	99
79) 2-Chlorotoluene	11.366	91	301208	20.705	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	365751	20.868	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.025	75	41572	22.829	ug/l	93
82) 4-Chlorotoluene	11.457	91	345376	21.023	ug/l	99
83) tert-Butylbenzene	11.720	119	352050	21.162	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	367235	21.202	ug/l	98
85) sec-Butylbenzene	11.896	105	454267	21.222	ug/l	100
86) p-Isopropyltoluene	12.012	119	376428	20.963	ug/l	97
87) 1,3-Dichlorobenzene	11.976	146	191257	20.040	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	192384	20.020	ug/l	97
89) n-Butylbenzene	12.335	91	324932	20.657	ug/l	98
90) Hexachloroethane	12.543	117	58620	20.936	ug/l	96
91) 1,2-Dichlorobenzene	12.341	146	192151	20.239	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	29902	20.449	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	118082	20.191	ug/l	98
94) Hexachlorobutadiene	13.725	225	52917	21.370	ug/l	98
95) Naphthalene	13.780	128	405452	19.591	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	118911	20.217	ug/l	97

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

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