

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061121\
 Data File : VX022659.D
 Acq On : 11 Jun 2021 11:56
 Operator : JC/MD
 Sample : VX0611WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0611WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/14/2021 9:38:27 AM

Quant Time: Jun 11 13:25:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 12:20:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	69237	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	135485	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	123939	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	55369	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	57130	45.880	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.760%		
35) Dibromofluoromethane	5.391	113	41805	48.362	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.720%		
50) Toluene-d8	8.653	98	164043	48.140	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.280%		
62) 4-Bromofluorobenzene	11.085	95	60564	46.994	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.980%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	15313	18.847	ug/l	98
3) Chloromethane	1.294	50	17051	17.368	ug/l	98
4) Vinyl Chloride	1.374	62	16469	17.072	ug/l	100
5) Bromomethane	1.599	94	9659	18.406	ug/l	89
6) Chloroethane	1.684	64	10494	17.966	ug/l	100
7) Trichlorofluoromethane	1.886	101	24617	17.721	ug/l	90
8) Diethyl Ether	2.142	74	10140	18.068	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.331	101	15282	18.032	ug/l	89
10) Methyl Iodide	2.453	142	16119	16.963	ug/l	95
11) Tert butyl alcohol	2.977	59	22425	77.780	ug/l	99
12) 1,1-Dichloroethene	2.318	96	15044	17.897	ug/l	91
13) Acrolein	2.239	56	13275	109.872	ug/l	97
14) Allyl chloride	2.666	41	27494	16.918	ug/l	94
15) Acrylonitrile	3.068	53	50249	88.740	ug/l	98
16) Acetone	2.386	43	46479	83.359	ug/l	99
17) Carbon Disulfide	2.507	76	29848	15.780	ug/l	99
18) Methyl Acetate	2.709	43	27153	16.178	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	52038	17.841	ug/l	99
20) Methylene Chloride	2.794	84	19114	17.573	ug/l	# 86
21) trans-1,2-Dichloroethene	3.093	96	16528	17.745	ug/l	95
22) Diisopropyl ether	3.769	45	57335	17.827	ug/l	95
23) Vinyl Acetate	3.727	43	260287	87.819	ug/l	95
24) 1,1-Dichloroethane	3.611	63	32719	17.532	ug/l	97
25) 2-Butanone	4.562	43	76759	84.884	ug/l	# 88
26) 2,2-Dichloropropane	4.483	77	25436	17.871	ug/l	96
27) cis-1,2-Dichloroethene	4.495	96	20162	17.766	ug/l	96
28) Bromochloromethane	4.903	49	16233	17.988	ug/l	# 77
29) Tetrahydrofuran	5.019	42	45627	86.658	ug/l	87
30) Chloroform	5.105	83	32721	17.589	ug/l	97
31) Cyclohexane	5.470	56	26027	17.326	ug/l	92
32) 1,1,1-Trichloroethane	5.385	97	26439	17.346	ug/l	96
36) 1,1-Dichloropropene	5.696	75	24683	18.285	ug/l	96
37) Ethyl Acetate	4.721	43	30037	17.506	ug/l	# 93
38) Carbon Tetrachloride	5.684	117	20746	17.966	ug/l	91
39) Methylcyclohexane	7.379	83	26352	18.712	ug/l	96
40) Benzene	6.043	78	74417	18.529	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	15874	17.264	ug/l	93
42) 1,2-Dichloroethane	6.092	62	26828	18.161	ug/l	98
43) Isopropyl Acetate	6.348	43	47615	17.573	ug/l	93
44) Trichloroethene	7.129	130	17705	18.779	ug/l	87
45) 1,2-Dichloropropane	7.440	63	19975	18.434	ug/l	93
46) Dibromomethane	7.586	93	12557	18.090	ug/l #	84
47) Bromodichloromethane	7.824	83	22508	17.700	ug/l	99
48) Methyl methacrylate	7.696	41	22393	17.215	ug/l	87
49) 1,4-Dioxane	7.659	88	8385	338.681	ug/l #	90
51) 4-Methyl-2-Pentanone	8.580	43	155160	90.210	ug/l	90
52) Toluene	8.720	92	45521	18.211	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	24262	16.716	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	28082	17.277	ug/l	94
55) 1,1,2-Trichloroethane	9.159	97	18967	18.545	ug/l	98
56) Ethyl methacrylate	9.116	69	29792	17.658	ug/l #	85
57) 1,3-Dichloropropane	9.311	76	33837	19.022	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.244	63	82812	89.815	ug/l	95
59) 2-Hexanone	9.433	43	118308	90.027	ug/l	88
60) Dibromochloromethane	9.525	129	14739	16.911	ug/l	100
61) 1,2-Dibromoethane	9.616	107	18768	18.385	ug/l	99
64) Tetrachloroethene	9.275	164	14743	18.810	ug/l	90
65) Chlorobenzene	10.079	112	47975	18.573	ug/l	93
66) 1,1,1,2-Tetrachloroethane	10.165	131	15254	17.539	ug/l	95
67) Ethyl Benzene	10.195	91	87793	18.462	ug/l	99
68) m/p-Xylenes	10.305	106	64136	37.236	ug/l	94
69) o-Xylene	10.646	106	31577	18.921	ug/l	99
70) Styrene	10.658	104	53091	18.179	ug/l	98
71) Bromoform	10.799	173	8299	16.993	ug/l #	98
73) Isopropylbenzene	10.963	105	85532	18.813	ug/l	99
74) N-amyl acetate	10.847	43	42734	17.478	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	29326	18.135	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	26306m	17.919	ug/l	
77) Bromobenzene	11.201	156	17650	18.173	ug/l	84
78) n-propylbenzene	11.305	91	100223	18.251	ug/l	96
79) 2-Chlorotoluene	11.366	91	59635	17.947	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	69902	18.458	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.024	75	7236	17.226	ug/l #	83
82) 4-Chlorotoluene	11.457	91	69756	18.344	ug/l	97
83) tert-Butylbenzene	11.719	119	66397	18.667	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	71482	18.609	ug/l	98
85) sec-Butylbenzene	11.896	105	85924	18.495	ug/l	97
86) p-Isopropyltoluene	12.012	119	71757	18.710	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	33764	18.316	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	33523	17.666	ug/l	94
89) n-Butylbenzene	12.335	91	66058	17.990	ug/l	98
90) Hexachloroethane	12.542	117	9494	17.473	ug/l	69
91) 1,2-Dichlorobenzene	12.341	146	33014	18.379	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5125	16.318	ug/l	77
93) 1,2,4-Trichlorobenzene	13.591	180	19198	17.815	ug/l	96
94) Hexachlorobutadiene	13.725	225	7103	18.380	ug/l	98
95) Naphthalene	13.780	128	74814	16.904	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	18913	18.003	ug/l	96

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

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