

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061021\
 Data File : VX022641.D
 Acq On : 10 Jun 2021 14:05
 Operator : JC/MD
 Sample : VX0610WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0610WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/11/2021 6:08:41 PM

Quant Time: Jun 11 06:42:59 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	5.562	168	68078	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	134141	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	120980	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	54576	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	57180	46.702	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.400%
35) Dibromofluoromethane	5.397	113	40188	46.957	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.920%
50) Toluene-d8	8.653	98	163538	48.473	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.940%
62) 4-Bromofluorobenzene	11.085	95	60469	47.390	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.780%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.172	85	15420	19.302	ug/l	99
3) Chloromethane	1.294	50	17367	17.991	ug/l	99
4) Vinyl Chloride	1.374	62	16458	17.351	ug/l	100
5) Bromomethane	1.599	94	10962	21.245	ug/l	92
6) Chloroethane	1.684	64	10528	18.331	ug/l	99
7) Trichlorofluoromethane	1.886	101	25033	18.327	ug/l	100
8) Diethyl Ether	2.142	74	10024	18.166	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.331	101	15301	18.362	ug/l	91
10) Methyl Iodide	2.453	142	15067	16.126	ug/l	98
11) Tert butyl alcohol	2.971	59	23672	83.503	ug/l	98
12) 1,1-Dichloroethene	2.319	96	15050	18.209	ug/l	89
13) Acrolein	2.239	56	10008	84.243	ug/l	95
14) Allyl chloride	2.666	41	28055	17.557	ug/l	93
15) Acrylonitrile	3.068	53	50613	90.904	ug/l	99
16) Acetone	2.386	43	47349	86.365	ug/l	91
17) Carbon Disulfide	2.514	76	31412	16.889	ug/l	98
18) Methyl Acetate	2.715	43	27983	16.957	ug/l	90
19) Methyl tert-butyl Ether	3.123	73	52095	18.165	ug/l	99
20) Methylene Chloride	2.788	84	19512	18.255	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	16715	18.251	ug/l	90
22) Diisopropyl ether	3.769	45	56871	17.984	ug/l	# 94
23) Vinyl Acetate	3.727	43	265150	90.983	ug/l	94
24) 1,1-Dichloroethane	3.617	63	33358	18.178	ug/l	99
25) 2-Butanone	4.568	43	76978	86.576	ug/l	94
26) 2,2-Dichloropropane	4.477	77	25812	18.444	ug/l	95
27) cis-1,2-Dichloroethene	4.501	96	19991	17.915	ug/l	95
28) Bromochloromethane	4.903	49	16462	18.552	ug/l	# 9
29) Tetrahydrofuran	5.013	42	45922	88.703	ug/l	89
30) Chloroform	5.105	83	32538	17.789	ug/l	95
31) Cyclohexane	5.476	56	26778	18.130	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	26703	17.793	ug/l	96
36) 1,1-Dichloropropene	5.702	75	24610	18.413	ug/l	97
37) Ethyl Acetate	4.721	43	29895	17.598	ug/l	94
38) Carbon Tetrachloride	5.684	117	20320	17.773	ug/l	94
39) Methylcyclohexane	7.385	83	26167	18.767	ug/l	95
40) Benzene	6.043	78	74727	18.793	ug/l	97

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41) Methacrylonitrile	4.928	41	15714	17.261	ug/l	94
42) 1,2-Dichloroethane	6.092	62	27468	18.780	ug/l	98
43) Isopropyl Acetate	6.348	43	48387	18.036	ug/l #	93
44) Trichloroethene	7.135	130	17204	18.431	ug/l	93
45) 1,2-Dichloropropane	7.433	63	18824	17.546	ug/l	95
46) Dibromomethane	7.586	93	12827	18.621	ug/l #	82
47) Bromodichloromethane	7.824	83	22889	18.107	ug/l #	95
48) Methyl methacrylate	7.696	41	22623	17.566	ug/l	87
49) 1,4-Dioxane	7.665	88	9221	376.180	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	156297	91.781	ug/l	90
52) Toluene	8.720	92	46210	18.672	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	25846	17.738	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	28236	17.507	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	18648	18.415	ug/l	95
56) Ethyl methacrylate	9.122	69	29872	17.854	ug/l #	86
57) 1,3-Dichloropropane	9.311	76	33619	19.089	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	84744	92.831	ug/l	95
59) 2-Hexanone	9.433	43	118095	90.766	ug/l	88
60) Dibromochloromethane	9.525	129	14809	17.114	ug/l	97
61) 1,2-Dibromoethane	9.616	107	18905	18.705	ug/l	98
64) Tetrachloroethene	9.275	164	14695	19.207	ug/l #	86
65) Chlorobenzene	10.085	112	47538	18.854	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	14884	17.533	ug/l	97
67) Ethyl Benzene	10.195	91	87938	18.945	ug/l	100
68) m/p-Xylenes	10.305	106	65782	39.125	ug/l	97
69) o-Xylene	10.646	106	31258	19.188	ug/l	95
70) Styrene	10.658	104	52630	18.439	ug/l	97
71) Bromoform	10.805	173	8218	17.170	ug/l #	97
73) Isopropylbenzene	10.963	105	84643	18.888	ug/l	98
74) N-amyl acetate	10.847	43	41855	17.367	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	30010	18.828	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	25953m	17.935	ug/l	
77) Bromobenzene	11.201	156	17759	18.551	ug/l	85
78) n-propylbenzene	11.305	91	102082	18.860	ug/l	98
79) 2-Chlorotoluene	11.366	91	59485	18.162	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	70298	18.832	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	7253	17.416	ug/l #	81
82) 4-Chlorotoluene	11.457	91	70057	18.691	ug/l	97
83) tert-Butylbenzene	11.719	119	65674	18.732	ug/l	90
84) 1,2,4-Trimethylbenzene	11.756	105	73133	19.315	ug/l	96
85) sec-Butylbenzene	11.896	105	85454	18.661	ug/l	97
86) p-Isopropyltoluene	12.012	119	70250	18.583	ug/l	95
87) 1,3-Dichlorobenzene	11.975	146	33161	18.250	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	34525	18.458	ug/l	95
89) n-Butylbenzene	12.335	91	67372	18.615	ug/l	97
90) Hexachloroethane	12.542	117	9084	17.069	ug/l	71
91) 1,2-Dichlorobenzene	12.335	146	32852	18.555	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5583	17.620	ug/l	71
93) 1,2,4-Trichlorobenzene	13.591	180	19172	18.049	ug/l	97
94) Hexachlorobutadiene	13.731	225	7137	18.737	ug/l	100
95) Naphthalene	13.780	128	77456	17.681	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	20068	19.380	ug/l	94

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

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