

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060721\
 Data File : VX022543.D
 Acq On : 07 Jun 2021 18:50
 Operator : JC/MD
 Sample : VX0607WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/8/2021 6:58:26 PM

Quant Time: Jun 08 04:22:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 07 14:27:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	70526	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	146997	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	132807	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	56674	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	60424	48.194	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.380%
35) Dibromofluoromethane	5.397	113	43658	47.469	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.940%
50) Toluene-d8	8.653	98	174207	47.472	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.940%
62) 4-Bromofluorobenzene	11.085	95	63388	46.472	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.940%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.172	85	17680	21.496	ug/l	97
3) Chloromethane	1.294	50	19768	19.900	ug/l	98
4) Vinyl Chloride	1.374	62	19750	20.371	ug/l	98
5) Bromomethane	1.599	94	12297	24.140	ug/l	90
6) Chloroethane	1.685	64	12171	19.936	ug/l	99
7) Trichlorofluoromethane	1.886	101	28119	19.914	ug/l	97
8) Diethyl Ether	2.136	74	12052	20.936	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.331	101	17468	20.178	ug/l	88
10) Methyl Iodide	2.453	142	16842	16.527	ug/l	97
11) Tert butyl alcohol	2.971	59	25269	89.854	ug/l	98
12) 1,1-Dichloroethene	2.319	96	17663	19.751	ug/l	99
13) Acrolein	2.239	56	12342	93.956	ug/l	98
14) Allyl chloride	2.666	41	31213	19.034	ug/l	93
15) Acrylonitrile	3.074	53	55000	93.810	ug/l	100
16) Acetone	2.386	43	51217	90.911	ug/l	95
17) Carbon Disulfide	2.514	76	37299	18.925	ug/l	96
18) Methyl Acetate	2.715	43	29859	19.218	ug/l	94
19) Methyl tert-butyl Ether	3.123	73	58834	19.731	ug/l	96
20) Methylene Chloride	2.794	84	21448	18.234	ug/l	# 88
21) trans-1,2-Dichloroethene	3.093	96	18752	18.618	ug/l	93
22) Diisopropyl ether	3.776	45	62315	18.943	ug/l	# 93
23) Vinyl Acetate	3.727	43	301741	97.472	ug/l	95
24) 1,1-Dichloroethane	3.611	63	35898	19.172	ug/l	97
25) 2-Butanone	4.568	43	87113	93.561	ug/l	94
26) 2,2-Dichloropropane	4.483	77	26654	18.575	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	22543	19.065	ug/l	98
28) Bromochloromethane	4.910	49	16575	17.512	ug/l	82
29) Tetrahydrofuran	5.019	42	51462	94.183	ug/l	91
30) Chloroform	5.105	83	36727	19.530	ug/l	100
31) Cyclohexane	5.476	56	29858	20.132	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	29246	19.607	ug/l	93
36) 1,1-Dichloropropene	5.702	75	27421	19.283	ug/l	97
37) Ethyl Acetate	4.727	43	33032	18.110	ug/l	97
38) Carbon Tetrachloride	5.690	117	23924	19.238	ug/l	94
39) Methylcyclohexane	7.385	83	30047	20.021	ug/l	98
40) Benzene	6.050	78	84148	19.174	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	18795	18.727	ug/l	93
42) 1,2-Dichloroethane	6.098	62	29802	18.422	ug/l	99
43) Isopropyl Acetate	6.348	43	55408	18.727	ug/l	94
44) Trichloroethene	7.135	130	20279	19.584	ug/l	91
45) 1,2-Dichloropropane	7.440	63	22107	19.583	ug/l	94
46) Dibromomethane	7.586	93	14308	18.595	ug/l #	82
47) Bromodichloromethane	7.830	83	25217	18.306	ug/l #	94
48) Methyl methacrylate	7.702	41	25960	18.855	ug/l	90
49) 1,4-Dioxane	7.665	88	9728	349.366	ug/l #	96
51) 4-Methyl-2-Pentanone	8.580	43	176761	95.896	ug/l	89
52) Toluene	8.726	92	52144	18.919	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	28375	17.822	ug/l	94
54) cis-1,3-Dichloropropene	8.372	75	32548	18.498	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	21347	19.872	ug/l	97
56) Ethyl methacrylate	9.122	69	33390	18.532	ug/l #	82
57) 1,3-Dichloropropane	9.311	76	37119	19.120	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	89681	86.361	ug/l	97
59) 2-Hexanone	9.433	43	132345	93.986	ug/l	89
60) Dibromochloromethane	9.525	129	16403	17.769	ug/l	98
61) 1,2-Dibromoethane	9.616	107	21767	19.221	ug/l	95
64) Tetrachloroethene	9.275	164	16670	18.749	ug/l #	89
65) Chlorobenzene	10.079	112	53282	19.307	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.165	131	16976	18.344	ug/l	96
67) Ethyl Benzene	10.195	91	96643	19.032	ug/l	99
68) m/p-Xylenes	10.305	106	72245	39.143	ug/l	98
69) o-Xylene	10.646	106	34972	19.379	ug/l	97
70) Styrene	10.659	104	58223	19.083	ug/l	97
71) Bromoform	10.805	173	9112	17.115	ug/l #	95
73) Isopropylbenzene	10.963	105	92071	19.933	ug/l	98
74) N-amyl acetate	10.847	43	46621	18.811	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	32637	19.630	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	28887m	19.675	ug/l	
77) Bromobenzene	11.201	156	19343	19.436	ug/l	85
78) n-propylbenzene	11.305	91	108482	19.351	ug/l	98
79) 2-Chlorotoluene	11.366	91	65802	19.724	ug/l	97
80) 1,3,5-Trimethylbenzene	11.457	105	76738	19.444	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	8243	18.403	ug/l #	84
82) 4-Chlorotoluene	11.457	91	74782	19.366	ug/l	96
83) tert-Butylbenzene	11.719	119	71083	20.219	ug/l	89
84) 1,2,4-Trimethylbenzene	11.756	105	77175	19.443	ug/l	98
85) sec-Butylbenzene	11.896	105	92305	19.730	ug/l	98
86) p-Isopropyltoluene	12.012	119	76142	19.691	ug/l	97
87) 1,3-Dichlorobenzene	11.975	146	36742	19.012	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	36935	18.345	ug/l	95
89) n-Butylbenzene	12.335	91	71397	19.230	ug/l	97
90) Hexachloroethane	12.542	117	9844	17.764	ug/l	76
91) 1,2-Dichlorobenzene	12.341	146	36019	19.637	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6229	18.993	ug/l	74
93) 1,2,4-Trichlorobenzene	13.591	180	20039	18.172	ug/l	95
94) Hexachlorobutadiene	13.725	225	7786	19.701	ug/l	96
95) Naphthalene	13.780	128	85267	19.287	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	20856	18.924	ug/l	97

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

