

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060421\
 Data File : VX022411.D
 Acq On : 04 Jun 2021 12:53
 Operator : JC/MD
 Sample : VX0604WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0604WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/7/2021 4:59:03 PM

Quant Time: Jun 04 13:25:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	74478	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	150847	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	134177	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	58082	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	57477	50.029	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	100.060%
35) Dibromofluoromethane	5.397	113	43360	45.327	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.660%
50) Toluene-d8	8.653	98	166448	45.170	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.340%#
62) 4-Bromofluorobenzene	11.085	95	62291	45.734	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.460%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.172	85	16787	18.540	ug/l	99
3) Chloromethane	1.294	50	18525	18.968	ug/l	99
4) Vinyl Chloride	1.374	62	19034	18.418	ug/l	98
5) Bromomethane	1.599	94	12273	20.370	ug/l	97
6) Chloroethane	1.685	64	11768	19.124	ug/l	96
7) Trichlorofluoromethane	1.886	101	27630	18.595	ug/l	96
8) Diethyl Ether	2.142	74	11248	17.601	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.331	101	16978	19.242	ug/l	91
10) Methyl Iodide	2.453	142	16435	17.332	ug/l	94
11) Tert butyl alcohol	2.977	59	26563	101.088	ug/l	99
12) 1,1-Dichloroethene	2.319	96	16886	19.782	ug/l	96
13) Acrolein	2.239	56	13251	76.033	ug/l	99
14) Allyl chloride	2.666	41	30771	19.627	ug/l	95
15) Acrylonitrile	3.068	53	56199	108.635	ug/l	99
16) Acetone	2.386	43	52921	105.789	ug/l	93
17) Carbon Disulfide	2.514	76	36456	16.306	ug/l	99
18) Methyl Acetate	2.709	43	27968	21.022	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	55895	19.115	ug/l	96
20) Methylene Chloride	2.794	84	21504	19.360	ug/l	91
21) trans-1,2-Dichloroethene	3.099	96	18774	20.220	ug/l	97
22) Diisopropyl ether	3.770	45	61234	20.279	ug/l	92
23) Vinyl Acetate	3.733	43	294626	101.337	ug/l	95
24) 1,1-Dichloroethane	3.617	63	35628	20.106	ug/l	98
25) 2-Butanone	4.568	43	87438	108.040	ug/l	96
26) 2,2-Dichloropropane	4.483	77	27996	17.797	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	22571	19.990	ug/l	99
28) Bromochloromethane	4.910	49	16079	18.704	ug/l #	80
29) Tetrahydrofuran	5.019	42	50838	105.540	ug/l	92
30) Chloroform	5.099	83	35919	19.618	ug/l	92
31) Cyclohexane	5.477	56	29184	20.215	ug/l	94
32) 1,1,1-Trichloroethane	5.391	97	28487	18.208	ug/l	96
36) 1,1-Dichloropropene	5.696	75	26664	19.116	ug/l	98
37) Ethyl Acetate	4.727	43	34632	20.254	ug/l	95
38) Carbon Tetrachloride	5.684	117	23229	17.024	ug/l	94
39) Methylcyclohexane	7.385	83	29646	18.740	ug/l	94
40) Benzene	6.044	78	82849	19.304	ug/l	99

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41) Methacrylonitrile	4.934	41	17764	19.419	ug/l	94
42) 1,2-Dichloroethane	6.098	62	29285	19.477	ug/l	98
43) Isopropyl Acetate	6.354	43	54430	19.461	ug/l	95
44) Trichloroethene	7.135	130	18548	17.392	ug/l	97
45) 1,2-Dichloropropane	7.440	63	20749	18.952	ug/l	94
46) Dibromomethane	7.586	93	13802	18.582	ug/l #	84
47) Bromodichloromethane	7.830	83	25002	16.821	ug/l	97
48) Methyl methacrylate	7.696	41	25139	19.504	ug/l	88
49) 1,4-Dioxane	7.665	88	10222	407.325	ug/l	94
51) 4-Methyl-2-Pentanone	8.580	43	173291	103.436	ug/l	91
52) Toluene	8.726	92	50603	18.618	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	27558	16.063	ug/l	94
54) cis-1,3-Dichloropropene	8.372	75	31539	17.099	ug/l	94
55) 1,1,2-Trichloroethane	9.159	97	19752	17.901	ug/l	95
56) Ethyl methacrylate	9.122	69	32468	18.207	ug/l #	85
57) 1,3-Dichloropropane	9.311	76	35897	19.056	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.250	63	87195	90.408	ug/l	95
59) 2-Hexanone	9.433	43	131283	104.190	ug/l	90
60) Dibromochloromethane	9.525	129	15811	14.729	ug/l	96
61) 1,2-Dibromoethane	9.616	107	20796	18.930	ug/l	96
64) Tetrachloroethene	9.275	164	16562	18.801	ug/l #	86
65) Chlorobenzene	10.079	112	51497	18.437	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	16700	17.207	ug/l	98
67) Ethyl Benzene	10.201	91	94946	18.478	ug/l	98
68) m/p-Xylenes	10.305	106	70825	36.472	ug/l	95
69) o-Xylene	10.646	106	34874	18.465	ug/l	99
70) Styrene	10.659	104	56447	18.244	ug/l	96
71) Bromoform	10.805	173	9577	13.924	ug/l #	98
73) Isopropylbenzene	10.963	105	92750	18.867	ug/l	99
74) N-amyl acetate	10.848	43	45539	19.517	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	32103	19.703	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	29162m	20.352	ug/l	
77) Bromobenzene	11.201	156	19173	18.395	ug/l	87
78) n-propylbenzene	11.305	91	106759	18.541	ug/l	98
79) 2-Chlorotoluene	11.366	91	63949	18.311	ug/l	96
80) 1,3,5-Trimethylbenzene	11.457	105	77076	18.918	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.024	75	8519	14.087	ug/l	86
82) 4-Chlorotoluene	11.457	91	73660	18.307	ug/l	98
83) tert-Butylbenzene	11.719	119	70582	18.063	ug/l	92
84) 1,2,4-Trimethylbenzene	11.756	105	76968	18.768	ug/l	99
85) sec-Butylbenzene	11.896	105	92249	18.578	ug/l	97
86) p-Isopropyltoluene	12.012	119	75288	17.952	ug/l	97
87) 1,3-Dichlorobenzene	11.975	146	35575	17.702	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	36717	17.675	ug/l	96
89) n-Butylbenzene	12.335	91	71411	18.407	ug/l	98
90) Hexachloroethane	12.542	117	9921	14.313	ug/l	76
91) 1,2-Dichlorobenzene	12.335	146	35615	18.450	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.951	75	6232	17.874	ug/l	76
93) 1,2,4-Trichlorobenzene	13.591	180	20500	17.600	ug/l	97
94) Hexachlorobutadiene	13.725	225	7078	15.569	ug/l	94
95) Naphthalene	13.780	128	85114	18.737	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	21192	18.049	ug/l	98

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

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