

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060121\
 Data File : VX022312.D
 Acq On : 02 Jun 2021 00:26
 Operator : JC/MD
 Sample : VX0601WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0601WBS02

Manual Integrations
 APPROVED

MMDadoda
 6/2/2021 1:59:22 PM

Quant Time: Jun 02 03:28:10 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	86438	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	175148	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	157220	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67566	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	77613	58.21	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 116.42%			
35) Dibromofluoromethane	5.391	113	57531	51.80	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.60%			
50) Toluene-d8	8.653	98	217055	50.73	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.46%			
62) 4-Bromofluorobenzene	11.085	95	80530	50.92	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.84%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	19206	18.28	ug/l	96
3) Chloromethane	1.294	50	20254	17.87	ug/l	94
4) Vinyl Chloride	1.374	62	22349	18.63	ug/l	100
5) Bromomethane	1.599	94	16425	23.49	ug/l	93
6) Chloroethane	1.685	64	14668	20.54	ug/l	94
7) Trichlorofluoromethane	1.886	101	33464	19.40	ug/l	98
8) Diethyl Ether	2.136	74	14635	19.73	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.331	101	20331	19.85	ug/l	91
10) Methyl Iodide	2.453	142	20375	18.51	ug/l	94
11) Tert butyl alcohol	2.977	59	37018	121.38	ug/l	99
12) 1,1-Dichloroethene	2.319	96	19897	20.08	ug/l	98
13) Acrolein	2.239	56	6138	30.35	ug/l	97
14) Allyl chloride	2.666	41	37908	20.83	ug/l	95
15) Acrylonitrile	3.068	53	71375	118.88	ug/l	99
16) Acetone	2.386	43	67281	115.88	ug/l	96
17) Carbon Disulfide	2.514	76	37145	14.32	ug/l #	95
18) Methyl Acetate	2.715	43	39596	25.64	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	76136	22.43	ug/l	99
20) Methylene Chloride	2.794	84	25524	19.80	ug/l	88
21) trans-1,2-Dichloroethene	3.093	96	21951	20.37	ug/l	98
22) Diisopropyl ether	3.770	45	79149	22.58	ug/l	96
23) Vinyl Acetate	3.733	43	373321	110.64	ug/l	96
24) 1,1-Dichloroethane	3.617	63	44526	21.65	ug/l	98
25) 2-Butanone	4.568	43	113146	120.46	ug/l	93
26) 2,2-Dichloropropane	4.483	77	29238	16.02	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	28472	21.73	ug/l	98
28) Bromochloromethane	4.910	49	23419	23.47	ug/l	84
29) Tetrahydrofuran	5.013	42	64563	115.49	ug/l	92
30) Chloroform	5.105	83	46685	21.97	ug/l	96
31) Cyclohexane	5.477	56	33005	19.70	ug/l	90
32) 1,1,1-Trichloroethane	5.385	97	38645	21.28	ug/l	97
36) 1,1-Dichloropropene	5.702	75	32284	19.93	ug/l	97
37) Ethyl Acetate	4.727	43	42881	21.60	ug/l	94
38) Carbon Tetrachloride	5.684	117	29405	18.56	ug/l #	95
39) Methylcyclohexane	7.385	83	32926	17.93	ug/l	95
40) Benzene	6.044	78	101541	20.38	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	23952	22.55	ug/l	93
42) 1,2-Dichloroethane	6.092	62	37191	21.30	ug/l	96
43) Isopropyl Acetate	6.354	43	71335	21.97	ug/l	92
44) Trichloroethene	7.129	130	23544	19.01	ug/l	96
45) 1,2-Dichloropropane	7.434	63	27314	21.49	ug/l	95
46) Dibromomethane	7.586	93	17523	20.32	ug/l #	85
47) Bromodichloromethane	7.830	83	33188	19.23	ug/l	100
48) Methyl methacrylate	7.702	41	31933	21.34	ug/l	91
49) 1,4-Dioxane	7.665	88	13303	456.55	ug/l #	95
51) 4-Methyl-2-Pentanone	8.580	43	224299	115.31	ug/l	91
52) Toluene	8.720	92	62142	19.69	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	36815	18.48	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	40592	18.95	ug/l	93
55) 1,1,2-Trichloroethane	9.159	97	27337	21.34	ug/l	96
56) Ethyl methacrylate	9.122	69	43533	21.03	ug/l #	88
57) 1,3-Dichloropropane	9.311	76	46084	21.07	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	114030	101.83	ug/l	97
59) 2-Hexanone	9.433	43	170046	116.23	ug/l	91
60) Dibromochloromethane	9.525	129	22809	18.30	ug/l	98
61) 1,2-Dibromoethane	9.616	107	26484	20.76	ug/l	100
64) Tetrachloroethene	9.275	164	20141	19.51	ug/l	92
65) Chlorobenzene	10.085	112	65740	20.09	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	22760	20.01	ug/l	98
67) Ethyl Benzene	10.195	91	120411	20.00	ug/l	100
68) m/p-Xylenes	10.305	106	88204	38.76	ug/l	99
69) o-Xylene	10.646	106	43895	19.83	ug/l	100
70) Styrene	10.659	104	73072	20.16	ug/l	98
71) Bromoform	10.805	173	13223	16.16	ug/l #	99
73) Isopropylbenzene	10.963	105	116032	20.29	ug/l	100
74) N-amyl acetate	10.848	43	60353	22.23	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	41702	22.00	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	36869m	22.12	ug/l	
77) Bromobenzene	11.201	156	25027	20.64	ug/l	86
78) n-propylbenzene	11.305	91	136740	20.41	ug/l	98
79) 2-Chlorotoluene	11.366	91	80803	19.89	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	94851	20.01	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	11720	16.66	ug/l	92
82) 4-Chlorotoluene	11.457	91	93366	19.95	ug/l	96
83) tert-Butylbenzene	11.719	119	89921	19.78	ug/l	92
84) 1,2,4-Trimethylbenzene	11.756	105	97305	20.40	ug/l	97
85) sec-Butylbenzene	11.896	105	116611	20.19	ug/l	99
86) p-Isopropyltoluene	12.012	119	95535	19.58	ug/l	96
87) 1,3-Dichlorobenzene	11.975	146	44786	19.16	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	47088	19.49	ug/l	96
89) n-Butylbenzene	12.335	91	86323	19.13	ug/l	97
90) Hexachloroethane	12.542	117	13855	17.18	ug/l	73
91) 1,2-Dichlorobenzene	12.335	146	45638	20.32	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8233	20.30	ug/l	82
93) 1,2,4-Trichlorobenzene	13.591	180	26298	19.41	ug/l	97
94) Hexachlorobutadiene	13.731	225	8527	16.12	ug/l	93
95) Naphthalene	13.780	128	114457	21.66	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	26965	19.74	ug/l	97

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

