

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062921\
 Data File : VX023018.D
 Acq On : 29 Jun 2021 21:02
 Operator : JC/MD
 Sample : M2875-13MS 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6MS

Manual Integrations
 APPROVED

MMDadoda
 7/2/2021 6:21:45 PM

Quant Time: Jun 30 01:46:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	65427	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	132477	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	121530	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	53632	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	64840	54.608	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.220%			
35) Dibromofluoromethane	5.397	113	43238	51.397	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.800%			
50) Toluene-d8	8.653	98	168201	51.015	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.040%			
62) 4-Bromofluorobenzene	11.085	95	64534	52.446	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.900%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	46475	50.346	ug/l	98
3) Chloromethane	1.294	50	51291	50.600	ug/l	99
4) Vinyl Chloride	1.374	62	48575	51.932	ug/l	99
5) Bromomethane	1.599	94	20065	38.939	ug/l	98
6) Chloroethane	1.678	64	30672	53.059	ug/l	100
7) Trichlorofluoromethane	1.886	101	72905	53.654	ug/l	96
8) Diethyl Ether	2.136	74	28111	53.599	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.331	101	44587	52.409	ug/l	88
10) Methyl Iodide	2.453	142	42289	42.011	ug/l	92
11) Tert butyl alcohol	2.977	59	71939	290.706	ug/l	98
12) 1,1-Dichloroethene	2.319	96	44642	52.594	ug/l	88
13) Acrolein	2.245	56	38294	248.808	ug/l	95
14) Allyl chloride	2.666	41	89403	55.441	ug/l #	94
15) Acrylonitrile	3.074	53	159420	281.811	ug/l	99
16) Acetone	2.392	43	139394	264.811	ug/l	92
17) Carbon Disulfide	2.514	76	105036	45.738	ug/l	100
18) Methyl Acetate	2.715	43	73170	56.483	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	191571	62.937	ug/l	93
20) Methylene Chloride	2.794	84	54602	52.283	ug/l	89
21) trans-1,2-Dichloroethene	3.099	96	47068	49.986	ug/l	90
22) Diisopropyl ether	3.769	45	187226	55.817	ug/l #	93
23) Vinyl Acetate	3.733	43	822053	292.143	ug/l	94
24) 1,1-Dichloroethane	3.617	63	99491	55.519	ug/l	95
25) 2-Butanone	4.574	43	221576	270.687	ug/l	91
26) 2,2-Dichloropropane	4.477	77	58173	42.778	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	56714	54.268	ug/l	93
28) Bromochloromethane	4.910	49	45651	54.072	ug/l #	74
29) Tetrahydrofuran	5.019	42	143034	271.659	ug/l	87
30) Chloroform	5.105	83	97617	54.155	ug/l	98
31) Cyclohexane	5.476	56	99850	59.564	ug/l	91
32) 1,1,1-Trichloroethane	5.391	97	82254	56.796	ug/l	95
36) 1,1-Dichloropropene	5.702	75	71771	51.005	ug/l	95
37) Ethyl Acetate	4.727	43	88581	54.346	ug/l #	93
38) Carbon Tetrachloride	5.684	117	63787	54.047	ug/l	100
39) Methylcyclohexane	7.385	83	93015	56.668	ug/l	93
40) Benzene	6.043	78	563845	138.963	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	47917	53.363	ug/l	91
42) 1,2-Dichloroethane	6.098	62	89337	59.843	ug/l	94
43) Isopropyl Acetate	6.348	43	199296	76.051	ug/l #	80
44) Trichloroethene	7.135	130	48268	50.163	ug/l	92
45) 1,2-Dichloropropane	7.440	63	55691	53.214	ug/l	98
46) Dibromomethane	7.586	93	36743	52.919	ug/l #	81
47) Bromodichloromethane	7.830	83	75453	53.277	ug/l	99
48) Methyl methacrylate	7.702	41	70397	58.044	ug/l	86
49) 1,4-Dioxane	7.665	88	24195	926.742	ug/l #	93
51) 4-Methyl-2-Pentanone	8.580	43	466865	286.255	ug/l	89
52) Toluene	8.726	92	246095	100.332	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	78585	47.281	ug/l	97
54) cis-1,3-Dichloropropene	8.372	75	86747	48.793	ug/l #	85
55) 1,1,2-Trichloroethane	9.153	97	51717	52.553	ug/l	97
56) Ethyl methacrylate	9.122	69	92768	50.999	ug/l #	75
57) 1,3-Dichloropropane	9.311	76	93416	52.221	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.250	63	22864	30.004	ug/l	93
59) 2-Hexanone	9.433	43	347509	280.858	ug/l	86
60) Dibromochloromethane	9.525	129	45718	47.617	ug/l	99
61) 1,2-Dibromoethane	9.616	107	51789	51.817	ug/l	100
64) Tetrachloroethene	9.281	164	41401	48.476	ug/l	92
65) Chlorobenzene	10.085	112	127830	49.946	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	44381	53.658	ug/l	98
67) Ethyl Benzene	10.195	91	653897	138.748	ug/l	97
68) m/p-Xylenes	10.305	106	735521	420.257	ug/l	91
69) o-Xylene	10.646	106	262808	154.286	ug/l	90
70) Styrene	10.658	104	161653	57.176	ug/l #	73
71) Bromoform	10.805	173	26189	44.632	ug/l #	98
73) Isopropylbenzene	10.963	105	258052	56.864	ug/l	97
74) N-amyl acetate	10.847	43	130105	50.761	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.213	83	81040	51.994	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	76058m	53.689	ug/l	
77) Bromobenzene	11.201	156	47002	49.808	ug/l	74
78) n-propylbenzene	11.305	91	329372	59.985	ug/l	95
79) 2-Chlorotoluene	11.366	91	206306	62.229	ug/l	86
80) 1,3,5-Trimethylbenzene	11.457	105	288633	77.458	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.024	75	20934	41.228	ug/l #	78
82) 4-Chlorotoluene	11.457	91	213552	55.738	ug/l	90
83) tert-Butylbenzene	11.719	119	189789	53.932	ug/l	83
84) 1,2,4-Trimethylbenzene	11.756	105	594428	158.495	ug/l	94
85) sec-Butylbenzene	11.896	105	256512	54.051	ug/l	96
86) p-Isopropyltoluene	12.012	119	207126	54.924	ug/l	93
87) 1,3-Dichlorobenzene	11.969	146	92424	50.765	ug/l	94
88) 1,4-Dichlorobenzene	12.042	146	92378	48.525	ug/l	95
89) n-Butylbenzene	12.335	91	204593	57.059	ug/l	98
90) Hexachloroethane	12.542	117	35330	50.604	ug/l	63
91) 1,2-Dichlorobenzene	12.335	146	91557	51.525	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	19160	51.886	ug/l	63
93) 1,2,4-Trichlorobenzene	13.591	180	51853	52.615	ug/l	96
94) Hexachlorobutadiene	13.725	225	18825	48.748	ug/l	99
95) Naphthalene	13.780	128	300045	67.915	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	52816	53.206	ug/l	96

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

