

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062321\
 Data File : VX022840.D
 Acq On : 23 Jun 2021 11:16
 Operator : JC/MD
 Sample : VSTDIC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 6/24/2021 4:59:58 PM

Quant Time: Jun 23 11:41:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 11:18:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	68780	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	135973	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	122657	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	55715	50.00	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	128981	103.83	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 207.66%#			
35) Dibromofluoromethane	5.391	113	91412	104.77	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 209.54%#			
50) Toluene-d8	8.653	98	352180	103.02	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 206.04%#			
62) 4-Bromofluorobenzene	11.085	95	138223	106.94	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 213.88%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.173	85	106466	127.18	ug/l	99
3) Chloromethane	1.294	50	110550	112.03	ug/l	98
4) Vinyl Chloride	1.374	62	108515	111.95	ug/l	99
5) Bromomethane	1.599	94	52514	100.48	ug/l	96
6) Chloroethane	1.672	64	63364	108.12	ug/l	97
7) Trichlorofluoromethane	1.880	101	151910	109.08	ug/l	99
8) Diethyl Ether	2.136	74	58414	104.80	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.325	101	96324	113.02	ug/l	90
10) Methyl Iodide	2.453	142	115922	121.92	ug/l	94
11) Tert butyl alcohol	2.989	59	133219	470.94	ug/l	98
12) 1,1-Dichloroethene	2.313	96	95996	113.08	ug/l	92
13) Acrolein	2.246	56	83780	649.63	ug/l	99
14) Allyl chloride	2.666	41	188058	116.09	ug/l	94
15) Acrylonitrile	3.075	53	331374	582.86	ug/l	100
16) Acetone	2.392	43	275285	498.73	ug/l	92
17) Carbon Disulfide	2.508	76	252229	130.85	ug/l	100
18) Methyl Acetate	2.715	43	146598	90.03	ug/l	90
19) Methyl tert-butyl Ether	3.123	73	352450	119.38	ug/l	97
20) Methylene Chloride	2.788	84	113171	96.70	ug/l	87
21) trans-1,2-Dichloroethene	3.093	96	104897	112.52	ug/l	93
22) Diisopropyl ether	3.776	45	383365	117.48	ug/l	89
23) Vinyl Acetate	3.733	43	1703337	576.01	ug/l	94
24) 1,1-Dichloroethane	3.617	63	207369	111.07	ug/l	98
25) 2-Butanone	4.568	43	474612	531.90	ug/l	91
26) 2,2-Dichloropropane	4.483	77	163848	115.30	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	119674	106.22	ug/l	93
28) Bromochloromethane	4.904	49	94800	105.99	ug/l #	78
29) Tetrahydrofuran	5.019	42	304271	572.88	ug/l	87
30) Chloroform	5.105	83	198992	107.26	ug/l	99
31) Cyclohexane	5.477	56	188396	121.18	ug/l	97
32) 1,1,1-Trichloroethane	5.397	97	171574	117.08	ug/l	96
36) 1,1-Dichloropropene	5.702	75	151369	110.45	ug/l	97
37) Ethyl Acetate	4.727	43	181650	105.81	ug/l #	93
38) Carbon Tetrachloride	5.684	117	139275	118.54	ug/l	98
39) Methylcyclohexane	7.385	83	183626	125.41	ug/l	92
40) Benzene	6.044	78	444338	109.94	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	99045	108.52	ug/l	92
42) 1,2-Dichloroethane	6.092	62	168688	112.57	ug/l	96
43) Isopropyl Acetate	6.355	43	300042	110.69	ug/l #	92
44) Trichloroethene	7.129	130	105311	110.65	ug/l	96
45) 1,2-Dichloropropane	7.440	63	118179	108.69	ug/l	95
46) Dibromomethane	7.586	93	78324	115.59	ug/l #	83
47) Bromodichloromethane	7.830	83	150533	119.96	ug/l	99
48) Methyl methacrylate	7.702	41	142028	109.39	ug/l	86
49) 1,4-Dioxane	7.665	88	56541	2247.63	ug/l #	93
51) 4-Methyl-2-Pentanone	8.580	43	925119	537.71	ug/l	89
52) Toluene	8.720	92	269459	107.14	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	178612	123.21	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	187768	118.34	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	108860	106.24	ug/l	99
56) Ethyl methacrylate	9.122	69	189992	114.58	ug/l #	79
57) 1,3-Dichloropropane	9.311	76	196383	109.92	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.251	63	481349	523.08	ug/l	94
59) 2-Hexanone	9.433	43	711519	542.85	ug/l	87
60) Dibromochloromethane	9.525	129	102068	121.64	ug/l	97
61) 1,2-Dibromoethane	9.616	107	110881	108.86	ug/l	100
64) Tetrachloroethene	9.275	164	89217	112.76	ug/l #	86
65) Chlorobenzene	10.079	112	273650	107.02	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	95339	114.48	ug/l	97
67) Ethyl Benzene	10.195	91	530668	112.45	ug/l	98
68) m/p-Xylenes	10.305	106	387171	226.69	ug/l	94
69) o-Xylene	10.646	106	190041	114.58	ug/l	93
70) Styrene	10.659	104	325964	117.87	ug/l	95
71) Bromoform	10.805	173	63445	131.93	ug/l #	99
73) Isopropylbenzene	10.963	105	501850	108.52	ug/l	98
74) N-amyl acetate	10.848	43	275341	111.65	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.213	83	170879	105.01	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	158492m	107.27	ug/l	
77) Bromobenzene	11.201	156	104249	106.39	ug/l	80
78) n-propylbenzene	11.311	91	628622	112.45	ug/l	96
79) 2-Chlorotoluene	11.366	91	371535	109.70	ug/l	95
80) 1,3,5-Trimethylbenzene	11.457	105	431128	112.52	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.024	75	58923	119.66	ug/l	88
82) 4-Chlorotoluene	11.457	91	431870	112.17	ug/l	93
83) tert-Butylbenzene	11.719	119	397522	110.33	ug/l	89
84) 1,2,4-Trimethylbenzene	11.756	105	439636	112.68	ug/l	96
85) sec-Butylbenzene	11.896	105	543014	114.46	ug/l	97
86) p-Isopropyltoluene	12.012	119	440416	113.24	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	202576	108.42	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	205291	107.08	ug/l	96
89) n-Butylbenzene	12.335	91	431659	116.12	ug/l	96
90) Hexachloroethane	12.542	117	75692	136.76	ug/l	72
91) 1,2-Dichlorobenzene	12.335	146	195263	107.54	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	39442	126.37	ug/l	73
93) 1,2,4-Trichlorobenzene	13.591	180	116055	107.59	ug/l	96
94) Hexachlorobutadiene	13.725	225	42708	110.01	ug/l	99
95) Naphthalene	13.780	128	470603	112.66	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	115576	109.26	ug/l	97

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

