

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070121\
 Data File : VX023084.D
 Acq On : 01 Jul 2021 14:52
 Operator : JC/MD
 Sample : VX0701WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/5/2021 1:58:54 PM

Quant Time: Jul 01 16:05:30 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	65492	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	133636	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	121228	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	51307	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	67180	56.523	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	113.040%
35) Dibromofluoromethane	5.397	113	41315	48.685	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.360%
50) Toluene-d8	8.653	98	160191	48.165	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.320%
62) 4-Bromofluorobenzene	11.085	95	59866	48.230	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.460%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	16378	17.725	ug/l	98
3) Chloromethane	1.294	50	18807	18.535	ug/l	98
4) Vinyl Chloride	1.373	62	17276	18.452	ug/l	99
5) Bromomethane	1.599	94	8225	15.946	ug/l	94
6) Chloroethane	1.678	64	10925	18.880	ug/l	96
7) Trichlorofluoromethane	1.879	101	25602	18.823	ug/l	95
8) Diethyl Ether	2.135	74	9639	18.360	ug/l	76
9) 1,1,2-Trichlorotrifluo...	2.324	101	15450	18.142	ug/l	88
10) Methyl Iodide	2.452	142	15063	17.448	ug/l	92
11) Tert butyl alcohol	2.983	59	24557	99.137	ug/l	99
12) 1,1-Dichloroethene	2.318	96	15518	18.264	ug/l	85
13) Acrolein	2.239	56	13148	85.342	ug/l	92
14) Allyl chloride	2.666	41	30887	19.135	ug/l	# 91
15) Acrylonitrile	3.074	53	58452	103.225	ug/l	98
16) Acetone	2.392	43	51326	97.409	ug/l	94
17) Carbon Disulfide	2.507	76	31214	16.051	ug/l	99
18) Methyl Acetate	2.715	43	27320	21.068	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	61321	20.126	ug/l	99
20) Methylene Chloride	2.794	84	19163	18.573	ug/l	# 86
21) trans-1,2-Dichloroethene	3.093	96	16837	17.863	ug/l	91
22) Diisopropyl ether	3.769	45	67817	20.198	ug/l	# 87
23) Vinyl Acetate	3.733	43	288274	102.346	ug/l	# 93
24) 1,1-Dichloroethane	3.617	63	36070	20.108	ug/l	97
25) 2-Butanone	4.568	43	82644	100.861	ug/l	89
26) 2,2-Dichloropropane	4.483	77	25135	18.465	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	20346	19.449	ug/l	90
28) Bromochloromethane	4.903	49	17783	21.043	ug/l	# 71
29) Tetrahydrofuran	5.019	42	53157	100.859	ug/l	88
30) Chloroform	5.104	83	34607	19.180	ug/l	97
31) Cyclohexane	5.470	56	29654	17.672	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	27308	18.837	ug/l	93
36) 1,1-Dichloropropene	5.702	75	25142	17.713	ug/l	94
37) Ethyl Acetate	4.726	43	32777	19.935	ug/l	# 93
38) Carbon Tetrachloride	5.684	117	20954	17.600	ug/l	96
39) Methylcyclohexane	7.385	83	28167	17.011	ug/l	92
40) Benzene	6.043	78	74684	18.247	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	17596	19.426	ug/l	90
42) 1,2-Dichloroethane	6.098	62	31274	20.768	ug/l	94
43) Isopropyl Acetate	6.348	43	51776	19.586	ug/l #	92
44) Trichloroethene	7.135	130	17789	18.327	ug/l	95
45) 1,2-Dichloropropane	7.439	63	20175	19.110	ug/l	98
46) Dibromomethane	7.586	93	12893	18.408	ug/l #	83
47) Bromodichloromethane	7.830	83	23162	18.254	ug/l	91
48) Methyl methacrylate	7.702	41	24033	19.644	ug/l	85
49) 1,4-Dioxane	7.671	88	8730	331.485	ug/l #	88
51) 4-Methyl-2-Pentanone	8.579	43	168368	102.338	ug/l	90
52) Toluene	8.720	92	46338	18.728	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	24732	17.274	ug/l	95
54) cis-1,3-Dichloropropene	8.372	75	27998	17.372	ug/l #	87
55) 1,1,2-Trichloroethane	9.159	97	18970	19.109	ug/l	98
56) Ethyl methacrylate	9.122	69	31346	18.798	ug/l #	80
57) 1,3-Dichloropropane	9.311	76	33507	18.568	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.250	63	84730	96.295	ug/l	93
59) 2-Hexanone	9.433	43	127990	102.545	ug/l	86
60) Dibromochloromethane	9.524	129	14007	17.004	ug/l	99
61) 1,2-Dibromoethane	9.616	107	18915	18.761	ug/l	99
64) Tetrachloroethene	9.274	164	16246	19.070	ug/l	92
65) Chlorobenzene	10.085	112	45623	17.870	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	15265	18.502	ug/l	97
67) Ethyl Benzene	10.195	91	87411	18.594	ug/l	100
68) m/p-Xylenes	10.305	106	63109	36.149	ug/l	92
69) o-Xylene	10.646	106	31407	18.484	ug/l	93
70) Styrene	10.658	104	51674	18.322	ug/l	94
71) Bromoform	10.805	173	7913	16.745	ug/l #	95
73) Isopropylbenzene	10.963	105	82657	19.040	ug/l	98
74) N-amyl acetate	10.847	43	45516	19.866	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.219	83	28448	19.079	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	27978m	20.645	ug/l	
77) Bromobenzene	11.201	156	15833	17.538	ug/l	69
78) n-propylbenzene	11.305	91	100456	19.124	ug/l	95
79) 2-Chlorotoluene	11.366	91	59840	18.868	ug/l	94
80) 1,3,5-Trimethylbenzene	11.457	105	69465	19.487	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.024	75	7119	18.853	ug/l #	71
82) 4-Chlorotoluene	11.457	91	68913	18.802	ug/l	94
83) tert-Butylbenzene	11.719	119	62359	18.524	ug/l	86
84) 1,2,4-Trimethylbenzene	11.756	105	69797	19.454	ug/l	95
85) sec-Butylbenzene	11.896	105	86024	18.948	ug/l	97
86) p-Isopropyltoluene	12.012	119	67747	18.779	ug/l	94
87) 1,3-Dichlorobenzene	11.975	146	31465	18.066	ug/l	93
88) 1,4-Dichlorobenzene	12.042	146	32548	17.872	ug/l	94
89) n-Butylbenzene	12.335	91	64895	18.919	ug/l	97
90) Hexachloroethane	12.542	117	9294	16.605	ug/l	66
91) 1,2-Dichlorobenzene	12.341	146	32385	19.051	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.944	75	5427	18.159	ug/l	72
93) 1,2,4-Trichlorobenzene	13.591	180	16970	18.000	ug/l	96
94) Hexachlorobutadiene	13.725	225	6686	18.098	ug/l	94
95) Naphthalene	13.780	128	72281	18.541	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	17714	18.653	ug/l	95

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

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