

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031521\
 Data File : VX021218.D
 Acq On : 15 Mar 2021 23:11
 Operator : JC/MD
 Sample : VX0315WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBSD02

Manual Integrations
 APPROVED

MMDadoda
 3/16/2021 10:46:43 AM

Quant Time: Mar 16 03:08:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 15 11:55:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	77412	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.835	114	134048	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	121462	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	57555	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	65971	49.98	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.96%		
35) Dibromofluoromethane	5.470	113	45637	49.48	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.96%		
50) Toluene-d8	8.694	98	160886	48.56	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.12%		
62) 4-Bromofluorobenzene	11.118	95	62670	49.64	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	99.28%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.187	85	18774	18.90	ug/l	99
3) Chloromethane	1.317	50	18490	18.38	ug/l	100
4) Vinyl Chloride	1.393	62	18695	18.91	ug/l	99
5) Bromomethane	1.623	94	11616	20.40	ug/l	98
6) Chloroethane	1.711	64	11302	19.27	ug/l	98
7) Trichlorofluoromethane	1.917	101	28809	18.74	ug/l	99
8) Diethyl Ether	2.170	74	10163	19.48	ug/l	74
9) 1,1,2-Trichlorotrifluo...	2.364	101	15837	18.88	ug/l	94
10) Methyl Iodide	2.493	142	20502	18.23	ug/l	# 89
11) Tert butyl alcohol	3.017	59	21393	93.04	ug/l	98
12) 1,1-Dichloroethene	2.358	96	15561	18.68	ug/l	83
13) Acrolein	2.276	56	12528	88.66	ug/l	98
14) Allyl chloride	2.711	41	32120	17.66	ug/l	# 87
15) Acrylonitrile	3.117	53	50071	98.75	ug/l	97
16) Acetone	2.423	43	47593	89.70	ug/l	89
17) Carbon Disulfide	2.552	76	45721	18.55	ug/l	100
18) Methyl Acetate	2.752	43	25093	19.53	ug/l	# 88
19) Methyl tert-butyl Ether	3.170	73	59576	18.80	ug/l	97
20) Methylene Chloride	2.834	84	18994	18.96	ug/l	# 85
21) trans-1,2-Dichloroethene	3.140	96	17663	19.30	ug/l	90
22) Diisopropyl ether	3.829	45	63494	19.10	ug/l	# 95
23) Vinyl Acetate	3.788	43	275378	94.73	ug/l	# 92
24) 1,1-Dichloroethane	3.670	63	34292	19.14	ug/l	97
25) 2-Butanone	4.635	43	72321	94.74	ug/l	# 87
26) 2,2-Dichloropropane	4.558	77	25504	15.65	ug/l	96
27) cis-1,2-Dichloroethene	4.564	96	20026	19.13	ug/l	89
28) Bromochloromethane	4.982	49	16615	18.57	ug/l	82
29) Tetrahydrofuran	5.094	42	47022	95.50	ug/l	87
30) Chloroform	5.176	83	34811	18.65	ug/l	94
31) Cyclohexane	5.547	56	30427	18.22	ug/l	88
32) 1,1,1-Trichloroethane	5.464	97	30885	18.69	ug/l	94
36) 1,1-Dichloropropene	5.770	75	25524	18.17	ug/l	97
37) Ethyl Acetate	4.794	43	28221	18.24	ug/l	# 92
38) Carbon Tetrachloride	5.752	117	27628	17.91	ug/l	98
39) Methylcyclohexane	7.435	83	28100	17.81	ug/l	91
40) Benzene	6.111	78	73607	18.74	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.005	41	16487	18.48	ug/l #	87
42) 1,2-Dichloroethane	6.164	62	31725	18.99	ug/l	93
43) Isopropyl Acetate	6.411	43	47231	18.19	ug/l #	91
44) Trichloroethene	7.188	130	19206	18.41	ug/l	85
45) 1,2-Dichloropropane	7.488	63	19663	18.52	ug/l	96
46) Dibromomethane	7.635	93	13823	18.69	ug/l	90
47) Bromodichloromethane	7.876	83	28597	18.45	ug/l	99
48) Methyl methacrylate	7.747	41	25484	19.08	ug/l #	80
49) 1,4-Dioxane	7.712	88	9040	401.16	ug/l #	87
51) 4-Methyl-2-Pentanone	8.618	43	146393	98.91	ug/l	88
52) Toluene	8.765	92	45520	19.22	ug/l	99
53) t-1,3-Dichloropropene	9.023	75	28249	17.59	ug/l	99
54) cis-1,3-Dichloropropene	8.418	75	30637	17.91	ug/l #	84
55) 1,1,2-Trichloroethane	9.194	97	18388	18.83	ug/l	95
56) Ethyl methacrylate	9.159	69	28920	19.07	ug/l #	73
57) 1,3-Dichloropropane	9.353	76	32422	19.19	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.288	63	75297	98.96	ug/l	94
59) 2-Hexanone	9.471	43	109477	98.28	ug/l	84
60) Dibromochloromethane	9.565	129	21053	18.87	ug/l	99
61) 1,2-Dibromoethane	9.653	107	19475	19.01	ug/l	98
64) Tetrachloroethene	9.318	164	18772	17.84	ug/l	95
65) Chlorobenzene	10.118	112	47557	18.88	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.206	131	17984	18.11	ug/l	99
67) Ethyl Benzene	10.235	91	88016	18.85	ug/l	99
68) m/p-Xylenes	10.341	106	63143	37.74	ug/l	94
69) o-Xylene	10.683	106	30497	18.77	ug/l	91
70) Styrene	10.694	104	52052	18.90	ug/l	95
71) Bromoform	10.841	173	13371	16.69	ug/l #	96
73) Isopropylbenzene	11.000	105	82690	18.51	ug/l	99
74) N-amyl acetate	10.883	43	40124	18.80	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	11.253	83	26853	19.48	ug/l	99
76) 1,2,3-Trichloropropane	11.277	75	27632m	19.36	ug/l	
77) Bromobenzene	11.236	156	20404	19.20	ug/l	94
78) n-propylbenzene	11.341	91	95973	18.66	ug/l	98
79) 2-Chlorotoluene	11.406	91	58331	18.73	ug/l	97
80) 1,3,5-Trimethylbenzene	11.489	105	72016	19.20	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.059	75	7834	15.58	ug/l #	80
82) 4-Chlorotoluene	11.494	91	68900	18.91	ug/l	95
83) tert-Butylbenzene	11.753	119	64633	18.91	ug/l	89
84) 1,2,4-Trimethylbenzene	11.789	105	71034	18.81	ug/l	97
85) sec-Butylbenzene	11.930	105	78408	18.84	ug/l	99
86) p-Isopropyltoluene	12.047	119	70470	18.46	ug/l	95
87) 1,3-Dichlorobenzene	12.006	146	35726	19.26	ug/l	98
88) 1,4-Dichlorobenzene	12.077	146	34966	18.33	ug/l	95
89) n-Butylbenzene	12.371	91	62516	17.86	ug/l	95
90) Hexachloroethane	12.577	117	12609	17.90	ug/l	95
91) 1,2-Dichlorobenzene	12.377	146	34373	18.76	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.983	75	6579	18.44	ug/l	81
93) 1,2,4-Trichlorobenzene	13.630	180	20633	17.60	ug/l	98
94) Hexachlorobutadiene	13.765	225	9052	17.98	ug/l	99
95) Naphthalene	13.818	128	73727	18.34	ug/l	98
96) 1,2,3-Trichlorobenzene	14.001	180	20378	16.71	ug/l	92

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

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