

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032421\
 Data File : VX021451.D
 Acq On : 24 Mar 2021 22:17
 Operator : JC/MD
 Sample : VX0324WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0324WBS02

Manual Integrations
 APPROVED

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3/25/2021 9:50:34 AM

Quant Time: Mar 25 02:57:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 24 12:25:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	74529	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	129238	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	120958	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	55840	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	62603	50.48	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.96%			
35) Dibromofluoromethane	5.464	113	44614	48.60	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.20%			
50) Toluene-d8	8.694	98	157293	48.08	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.16%			
62) 4-Bromofluorobenzene	11.118	95	59810	47.03	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.06%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.187	85	15846	19.34	ug/l	97
3) Chloromethane	1.311	50	19052	20.26	ug/l	99
4) Vinyl Chloride	1.393	62	16709	19.94	ug/l	96
5) Bromomethane	1.623	94	7753	22.99	ug/l	95
6) Chloroethane	1.705	64	10522	19.80	ug/l	99
7) Trichlorofluoromethane	1.911	101	25787	18.92	ug/l	99
8) Diethyl Ether	2.170	74	9150	19.35	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.364	101	14702	19.16	ug/l	95
10) Methyl Iodide	2.487	142	10422	21.73	ug/l #	90
11) Tert butyl alcohol	3.017	59	19750	96.34	ug/l	96
12) 1,1-Dichloroethene	2.352	96	14174	18.87	ug/l	93
13) Acrolein	2.270	56	8723	87.20	ug/l	98
14) Allyl chloride	2.705	41	28375	18.61	ug/l #	87
15) Acrylonitrile	3.117	53	48463	99.47	ug/l	98
16) Acetone	2.423	43	45497	97.04	ug/l #	87
17) Carbon Disulfide	2.546	76	36437	17.28	ug/l	100
18) Methyl Acetate	2.752	43	28330	20.91	ug/l	90
19) Methyl tert-butyl Ether	3.170	73	54891	19.57	ug/l	96
20) Methylene Chloride	2.835	84	17407	19.02	ug/l #	87
21) trans-1,2-Dichloroethene	3.140	96	15126	18.33	ug/l	86
22) Diisopropyl ether	3.823	45	57926	19.56	ug/l #	94
23) Vinyl Acetate	3.788	43	241124	96.24	ug/l #	93
24) 1,1-Dichloroethane	3.670	63	31279	19.59	ug/l	98
25) 2-Butanone	4.635	43	70129	98.67	ug/l	90
26) 2,2-Dichloropropane	4.547	77	21423	15.49	ug/l	96
27) cis-1,2-Dichloroethene	4.558	96	18368	19.17	ug/l	93
28) Bromochloromethane	4.982	49	15512	19.40	ug/l	83
29) Tetrahydrofuran	5.088	42	46027	99.88	ug/l #	84
30) Chloroform	5.176	83	33315	19.77	ug/l	100
31) Cyclohexane	5.547	56	26036	19.09	ug/l	92
32) 1,1,1-Trichloroethane	5.458	97	29289	19.61	ug/l	95
36) 1,1-Dichloropropene	5.764	75	23223	18.34	ug/l	96
37) Ethyl Acetate	4.794	43	26501	18.10	ug/l #	93
38) Carbon Tetrachloride	5.747	117	25034	18.40	ug/l	98
39) Methylcyclohexane	7.441	83	25095	17.88	ug/l	94
40) Benzene	6.111	78	67772	18.85	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.000	41	15583	18.35	ug/l	88
42) 1,2-Dichloroethane	6.164	62	29958	19.22	ug/l	93
43) Isopropyl Acetate	6.412	43	43665	18.37	ug/l #	91
44) Trichloroethene	7.188	130	17817	18.78	ug/l	99
45) 1,2-Dichloropropane	7.488	63	18500	18.99	ug/l	96
46) Dibromomethane	7.635	93	13517	19.04	ug/l	90
47) Bromodichloromethane	7.876	83	27224	18.84	ug/l	95
48) Methyl methacrylate	7.747	41	23430	18.47	ug/l #	81
49) 1,4-Dioxane	7.718	88	8713	383.74	ug/l #	87
51) 4-Methyl-2-Pentanone	8.618	43	142277	97.29	ug/l	88
52) Toluene	8.765	92	42595	19.18	ug/l	99
53) t-1,3-Dichloropropene	9.024	75	25917	17.76	ug/l	98
54) cis-1,3-Dichloropropene	8.418	75	27759	17.88	ug/l #	85
55) 1,1,2-Trichloroethane	9.194	97	17776	18.96	ug/l	99
56) Ethyl methacrylate	9.159	69	26496	18.12	ug/l #	74
57) 1,3-Dichloropropane	9.353	76	30095	18.76	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.288	63	73349	92.58	ug/l	95
59) 2-Hexanone	9.471	43	106272	96.78	ug/l	85
60) Dibromochloromethane	9.565	129	19555	18.62	ug/l	98
61) 1,2-Dibromoethane	9.653	107	18652	18.52	ug/l	98
64) Tetrachloroethene	9.318	164	15305	18.89	ug/l	94
65) Chlorobenzene	10.118	112	45111	18.56	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.206	131	17693	19.00	ug/l	98
67) Ethyl Benzene	10.236	91	81908	18.49	ug/l	100
68) m/p-Xylenes	10.341	106	58749	37.23	ug/l	91
69) o-Xylene	10.683	106	27886	18.25	ug/l	89
70) Styrene	10.694	104	48063	18.29	ug/l	95
71) Bromoform	10.841	173	13464	17.79	ug/l #	96
73) Isopropylbenzene	11.000	105	77355	19.72	ug/l	99
74) N-amyl acetate	10.883	43	36391	19.17	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.247	83	27125	19.57	ug/l	99
76) 1,2,3-Trichloropropane	11.277	75	25762m	19.82	ug/l	
77) Bromobenzene	11.236	156	19106	19.64	ug/l	96
78) n-propylbenzene	11.342	91	91436	19.73	ug/l	97
79) 2-Chlorotoluene	11.400	91	54538	19.40	ug/l	97
80) 1,3,5-Trimethylbenzene	11.489	105	66837	19.94	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.059	75	7525	17.63	ug/l #	83
82) 4-Chlorotoluene	11.495	91	64637	19.37	ug/l	96
83) tert-Butylbenzene	11.753	119	63252	19.38	ug/l	91
84) 1,2,4-Trimethylbenzene	11.789	105	66623	19.72	ug/l	99
85) sec-Butylbenzene	11.930	105	72264	19.20	ug/l	99
86) p-Isopropyltoluene	12.048	119	65159	19.02	ug/l	96
87) 1,3-Dichlorobenzene	12.006	146	33778	19.29	ug/l	98
88) 1,4-Dichlorobenzene	12.083	146	32899	18.16	ug/l	97
89) n-Butylbenzene	12.371	91	57114	18.19	ug/l	95
90) Hexachloroethane	12.577	117	10889	17.61	ug/l	97
91) 1,2-Dichlorobenzene	12.377	146	31756	18.65	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.983	75	6131	18.83	ug/l	82
93) 1,2,4-Trichlorobenzene	13.624	180	19372	17.36	ug/l	98
94) Hexachlorobutadiene	13.765	225	8644	17.16	ug/l	98
95) Naphthalene	13.812	128	68370	18.78	ug/l	99
96) 1,2,3-Trichlorobenzene	14.001	180	20164	18.07	ug/l	98

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

