

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031721\
 Data File : VX021262.D
 Acq On : 17 Mar 2021 11:06
 Operator : JC/MD
 Sample : VX0317WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0317WBS01

Manual Integrations
 APPROVED

MMDadoda
 3/18/2021 2:21:09 PM

Quant Time: Mar 18 03:50:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 16 14:00:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	85260	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	140527	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	129224	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	63191	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.023	65	66959	47.88	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.76%		
35) Dibromofluoromethane	5.464	113	47855	50.04	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.08%		
50) Toluene-d8	8.694	98	171926	49.55	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.10%		
62) 4-Bromofluorobenzene	11.118	95	66889	49.64	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.28%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.187	85	18513	18.18	ug/l	98
3) Chloromethane	1.311	50	25837	16.16	ug/l	98
4) Vinyl Chloride	1.393	62	18224	17.57	ug/l	98
5) Bromomethane	1.623	94	9256	20.43	ug/l	95
6) Chloroethane	1.711	64	11215	17.69	ug/l	93
7) Trichlorofluoromethane	1.917	101	29653	18.96	ug/l	96
8) Diethyl Ether	2.170	74	9947	18.08	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.364	101	16449	18.46	ug/l	95
10) Methyl Iodide	2.487	142	13026	16.75	ug/l	90
11) Tert butyl alcohol	3.011	59	20346	86.60	ug/l	95
12) 1,1-Dichloroethene	2.358	96	15770	18.14	ug/l	95
13) Acrolein	2.270	56	11804	86.15	ug/l	99
14) Allyl chloride	2.705	41	31374	17.51	ug/l	89
15) Acrylonitrile	3.111	53	48830	89.39	ug/l	98
16) Acetone	2.417	43	44152	85.81	ug/l #	88
17) Carbon Disulfide	2.552	76	43397	17.51	ug/l	100
18) Methyl Acetate	2.746	43	23126	16.40	ug/l	90
19) Methyl tert-butyl Ether	3.164	73	59326	18.19	ug/l	97
20) Methylene Chloride	2.835	84	18435	17.42	ug/l #	88
21) trans-1,2-Dichloroethene	3.140	96	17096	17.62	ug/l	90
22) Diisopropyl ether	3.823	45	63374	18.41	ug/l	97
23) Vinyl Acetate	3.782	43	276287	92.02	ug/l #	93
24) 1,1-Dichloroethane	3.664	63	33602	18.08	ug/l	97
25) 2-Butanone	4.629	43	68724	86.86	ug/l	90
26) 2,2-Dichloropropane	4.552	77	30064	18.54	ug/l	95
27) cis-1,2-Dichloroethene	4.558	96	20281	18.19	ug/l	91
28) Bromochloromethane	4.976	49	16094	18.38	ug/l	82
29) Tetrahydrofuran	5.088	42	45120	86.34	ug/l #	86
30) Chloroform	5.170	83	35542	18.37	ug/l	93
31) Cyclohexane	5.541	56	30691	18.15	ug/l	95
32) 1,1,1-Trichloroethane	5.453	97	31869	18.59	ug/l	96
36) 1,1-Dichloropropene	5.764	75	25701	18.15	ug/l	97
37) Ethyl Acetate	4.788	43	27747	16.91	ug/l #	93
38) Carbon Tetrachloride	5.753	117	28027	19.06	ug/l	96
39) Methylcyclohexane	7.435	83	29257	18.61	ug/l	92
40) Benzene	6.106	78	72620	18.61	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.000	41	15869	16.85	ug/l	89
42) 1,2-Dichloroethane	6.159	62	31707	18.84	ug/l	94
43) Isopropyl Acetate	6.406	43	47759	17.75	ug/l #	91
44) Trichloroethene	7.188	130	18831	18.17	ug/l	93
45) 1,2-Dichloropropane	7.488	63	19752	18.84	ug/l	98
46) Dibromomethane	7.635	93	14272	18.60	ug/l	92
47) Bromodichloromethane	7.871	83	28965	18.83	ug/l	98
48) Methyl methacrylate	7.741	41	25763	18.05	ug/l #	81
49) 1,4-Dioxane	7.712	88	8548	344.33	ug/l #	84
51) 4-Methyl-2-Pentanone	8.618	43	144619	92.38	ug/l	88
52) Toluene	8.765	92	45122	18.70	ug/l	95
53) t-1,3-Dichloropropene	9.018	75	30456	18.66	ug/l	99
54) cis-1,3-Dichloropropene	8.412	75	32232	18.49	ug/l #	86
55) 1,1,2-Trichloroethane	9.194	97	18517	18.76	ug/l	98
56) Ethyl methacrylate	9.153	69	30214	19.03	ug/l #	77
57) 1,3-Dichloropropane	9.347	76	32380	18.85	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.288	63	80826	93.17	ug/l	95
59) 2-Hexanone	9.471	43	108218	92.36	ug/l	84
60) Dibromochloromethane	9.565	129	21651	19.26	ug/l	98
61) 1,2-Dibromoethane	9.653	107	20325	18.79	ug/l	97
64) Tetrachloroethene	9.318	164	17056	17.67	ug/l	89
65) Chlorobenzene	10.118	112	49109	18.49	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.200	131	18671	18.94	ug/l	98
67) Ethyl Benzene	10.236	91	90676	18.46	ug/l	100
68) m/p-Xylenes	10.341	106	65760	37.46	ug/l	92
69) o-Xylene	10.683	106	31768	18.62	ug/l	96
70) Styrene	10.694	104	52566	18.37	ug/l	93
71) Bromoform	10.841	173	13825	17.35	ug/l #	96
73) Isopropylbenzene	11.000	105	87711	18.69	ug/l	98
74) N-amyl acetate	10.877	43	42004	17.64	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.253	83	28187	18.09	ug/l	98
76) 1,2,3-Trichloropropane	11.277	75	27907m	19.04	ug/l	
77) Bromobenzene	11.236	156	20826	18.70	ug/l	95
78) n-propylbenzene	11.342	91	101416	18.47	ug/l	98
79) 2-Chlorotoluene	11.406	91	61802	18.54	ug/l	96
80) 1,3,5-Trimethylbenzene	11.489	105	73769	18.57	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.059	75	9151	16.95	ug/l #	82
82) 4-Chlorotoluene	11.495	91	72078	18.36	ug/l	95
83) tert-Butylbenzene	11.753	119	69554	18.40	ug/l	89
84) 1,2,4-Trimethylbenzene	11.789	105	74306	18.40	ug/l	98
85) sec-Butylbenzene	11.930	105	83277	18.69	ug/l	99
86) p-Isopropyltoluene	12.048	119	76256	18.67	ug/l	96
87) 1,3-Dichlorobenzene	12.006	146	37405	18.41	ug/l	96
88) 1,4-Dichlorobenzene	12.083	146	37077	17.85	ug/l	97
89) n-Butylbenzene	12.371	91	68698	18.46	ug/l	96
90) Hexachloroethane	12.577	117	12530	20.15	ug/l	95
91) 1,2-Dichlorobenzene	12.377	146	36002	18.17	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.983	75	7128	17.84	ug/l	75
93) 1,2,4-Trichlorobenzene	13.630	180	23201	17.82	ug/l	98
94) Hexachlorobutadiene	13.765	225	9953	18.21	ug/l	98
95) Naphthalene	13.818	128	76935	17.16	ug/l	99
96) 1,2,3-Trichlorobenzene	14.001	180	23305	17.97	ug/l	99

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

