

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031021\
 Data File : VX021128.D
 Acq On : 10 Mar 2021 12:06
 Operator : JC/MD
 Sample : VX0310WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0310WBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/11/2021 3:35:10 PM

Quant Time: Mar 11 02:09:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 24 13:50:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.623	168	198372	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.823	114	334047	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	309670	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	153401	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	130189	48.59	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.18%
35) Dibromofluoromethane	5.464	113	105620	52.04	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	104.08%
50) Toluene-d8	8.694	98	410171	51.83	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	103.66%
62) 4-Bromofluorobenzene	11.118	95	154342	52.75	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	105.50%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.187	85	35341	16.48	ug/l	97
3) Chloromethane	1.311	50	42865	17.99	ug/l	98
4) Vinyl Chloride	1.393	62	49172	17.92	ug/l	97
5) Bromomethane	1.628	94	29946	30.25	ug/l	98
6) Chloroethane	1.711	64	32290	18.81	ug/l	99
7) Trichlorofluoromethane	1.917	101	65257	18.84	ug/l	98
8) Diethyl Ether	2.170	74	30516	18.99	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.364	101	39734	18.62	ug/l	96
10) Methyl Iodide	2.493	142	51287	17.89	ug/l	97
11) Tert butyl alcohol	3.005	59	46001	77.09	ug/l	99
12) 1,1-Dichloroethene	2.352	96	38322	17.26	ug/l	98
13) Acrolein	2.270	56	31229	84.52	ug/l	95
14) Allyl chloride	2.705	41	61713	17.01	ug/l	98
15) Acrylonitrile	3.111	53	111069	87.24	ug/l	99
16) Acetone	2.417	43	92628	83.90	ug/l	100
17) Carbon Disulfide	2.552	76	103782	16.41	ug/l	99
18) Methyl Acetate	2.746	43	47088	18.03	ug/l	99
19) Methyl tert-butyl Ether	3.164	73	142740	18.00	ug/l	97
20) Methylene Chloride	2.834	84	48032	18.13	ug/l	95
21) trans-1,2-Dichloroethene	3.140	96	43800	17.56	ug/l	97
22) Diisopropyl ether	3.817	45	133627	18.32	ug/l	97
23) Vinyl Acetate	3.776	43	543887	87.18	ug/l	99
24) 1,1-Dichloroethane	3.670	63	80096	18.64	ug/l	99
25) 2-Butanone	4.623	43	141587	84.42	ug/l	99
26) 2,2-Dichloropropane	4.546	77	64382	16.50	ug/l	99
27) cis-1,2-Dichloroethene	4.558	96	52441	18.25	ug/l	97
28) Bromochloromethane	4.976	49	34036	18.52	ug/l	96
29) Tetrahydrofuran	5.082	42	89890	83.50	ug/l	99
30) Chloroform	5.170	83	81462	18.82	ug/l	100
31) Cyclohexane	5.546	56	68103	17.55	ug/l	97
32) 1,1,1-Trichloroethane	5.464	97	68968	18.29	ug/l	98
36) 1,1-Dichloropropene	5.764	75	61342	19.32	ug/l	99
37) Ethyl Acetate	4.788	43	54635	18.09	ug/l	100
38) Carbon Tetrachloride	5.752	117	57102	18.56	ug/l	98
39) Methylcyclohexane	7.435	83	74421	18.69	ug/l	98
40) Benzene	6.105	78	182583	19.19	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.993	41	30955	18.22	ug/l	98
42) 1,2-Dichloroethane	6.152	62	65474	20.69	ug/l	100
43) Isopropyl Acetate	6.405	43	91268	17.76	ug/l	100
44) Trichloroethene	7.188	130	51873	20.73	ug/l	86
45) 1,2-Dichloropropane	7.488	63	48309	20.25	ug/l	99
46) Dibromomethane	7.635	93	32487	20.23	ug/l	99
47) Bromodichloromethane	7.870	83	67563	20.20	ug/l	99
48) Methyl methacrylate	7.741	41	47126	18.28	ug/l	99
49) 1,4-Dioxane	7.711	88	23619	392.57	ug/l	98
51) 4-Methyl-2-Pentanone	8.617	43	279514	93.43	ug/l	100
52) Toluene	8.765	92	119693	20.19	ug/l	98
53) t-1,3-Dichloropropene	9.017	75	70697	18.85	ug/l	100
54) cis-1,3-Dichloropropene	8.412	75	79359	19.31	ug/l	99
55) 1,1,2-Trichloroethane	9.194	97	48916	20.89	ug/l	98
56) Ethyl methacrylate	9.159	69	70322	18.55	ug/l	99
57) 1,3-Dichloropropane	9.353	76	82595	20.56	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.288	63	180836	97.55	ug/l	99
59) 2-Hexanone	9.470	43	212154	94.52	ug/l	98
60) Dibromochloromethane	9.565	129	51575	20.87	ug/l	98
61) 1,2-Dibromoethane	9.653	107	50514	20.57	ug/l	99
64) Tetrachloroethene	9.318	164	50593	22.64	ug/l	89
65) Chlorobenzene	10.118	112	130842	20.07	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.200	131	46310	19.25	ug/l	97
67) Ethyl Benzene	10.235	91	224323	18.97	ug/l	99
68) m/p-Xylenes	10.341	106	172268	39.59	ug/l	99
69) o-Xylene	10.682	106	83077	19.56	ug/l	96
70) Styrene	10.694	104	145290	19.94	ug/l	97
71) Bromoform	10.835	173	37305	20.07	ug/l #	99
73) Isopropylbenzene	11.000	105	222105	18.33	ug/l	100
74) N-amyl acetate	10.882	43	78851	16.07	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.253	83	69841	17.88	ug/l	98
76) 1,2,3-Trichloropropane	11.277	75	61484m	18.63	ug/l	
77) Bromobenzene	11.235	156	55059	19.53	ug/l	95
78) n-propylbenzene	11.341	91	257470	18.63	ug/l	100
79) 2-Chlorotoluene	11.406	91	154003	18.39	ug/l	99
80) 1,3,5-Trimethylbenzene	11.488	105	187042	18.55	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.059	75	22220	14.91	ug/l	97
82) 4-Chlorotoluene	11.494	91	177429	18.39	ug/l	100
83) tert-Butylbenzene	11.753	119	173808	17.72	ug/l	96
84) 1,2,4-Trimethylbenzene	11.788	105	188090	18.38	ug/l	100
85) sec-Butylbenzene	11.930	105	212863	18.42	ug/l	100
86) p-Isopropyltoluene	12.047	119	197766	18.67	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	98286	19.48	ug/l	97
88) 1,4-Dichlorobenzene	12.083	146	98300	19.12	ug/l	98
89) n-Butylbenzene	12.371	91	167664	17.73	ug/l	99
90) Hexachloroethane	12.577	117	33769	16.70	ug/l	91
91) 1,2-Dichlorobenzene	12.377	146	98205	19.93	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.983	75	13939	15.59	ug/l	99
93) 1,2,4-Trichlorobenzene	13.630	180	60801	19.24	ug/l	96
94) Hexachlorobutadiene	13.765	225	24844	19.63	ug/l	100
95) Naphthalene	13.818	128	188093	16.72	ug/l	99
96) 1,2,3-Trichlorobenzene	14.000	180	58069	18.51	ug/l	98

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

