

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031521\
 Data File : VX021196.D
 Acq On : 15 Mar 2021 13:55
 Operator : JC/MD
 Sample : VX0315WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBS01

Manual Integrations
 APPROVED

MMDadoda
 3/16/2021 4:36:56 PM

Quant Time: Mar 16 03:00:14 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	5.623	168	83476	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	142825	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	132792	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	63813	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	71191	50.01	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 100.02%	
35) Dibromofluoromethane	5.458	113	48968	49.83	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 99.66%	
50) Toluene-d8	8.694	98	183354	51.94	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 103.88%	
62) 4-Bromofluorobenzene	11.118	95	71298	53.00	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 106.00%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.187	85	21485	20.05	ug/l	96
3) Chloromethane	1.317	50	20656	19.04	ug/l	99
4) Vinyl Chloride	1.393	62	20365	19.10	ug/l	98
5) Bromomethane	1.623	94	13498	21.98	ug/l	99
6) Chloroethane	1.705	64	12096	19.13	ug/l	98
7) Trichlorofluoromethane	1.911	101	32223	19.44	ug/l	94
8) Diethyl Ether	2.170	74	10321	18.34	ug/l	72
9) 1,1,2-Trichlorotrifluo...	2.364	101	17709	19.58	ug/l	95
10) Methyl Iodide	2.487	142	19922	16.43	ug/l #	89
11) Tert butyl alcohol	3.011	59	22386	90.29	ug/l	95
12) 1,1-Dichloroethene	2.352	96	16676	18.56	ug/l	88
13) Acrolein	2.270	56	12327	80.90	ug/l	97
14) Allyl chloride	2.705	41	35353	18.03	ug/l #	87
15) Acrylonitrile	3.111	53	52271	95.60	ug/l	97
16) Acetone	2.417	43	49472	86.47	ug/l #	86
17) Carbon Disulfide	2.546	76	49259	18.53	ug/l	100
18) Methyl Acetate	2.746	43	25433	18.35	ug/l	90
19) Methyl tert-butyl Ether	3.164	73	63294	18.52	ug/l	97
20) Methylene Chloride	2.834	84	20064	18.57	ug/l #	85
21) trans-1,2-Dichloroethene	3.140	96	18661	18.91	ug/l	89
22) Diisopropyl ether	3.823	45	68227	19.03	ug/l	95
23) Vinyl Acetate	3.782	43	295344	94.22	ug/l #	93
24) 1,1-Dichloroethane	3.670	63	36111	18.69	ug/l	99
25) 2-Butanone	4.635	43	75999	92.33	ug/l #	88
26) 2,2-Dichloropropane	4.546	77	31894	18.15	ug/l	96
27) cis-1,2-Dichloroethene	4.558	96	21513	19.06	ug/l	88
28) Bromochloromethane	4.976	49	17660	18.30	ug/l	84
29) Tetrahydrofuran	5.088	42	48806	91.93	ug/l	86
30) Chloroform	5.170	83	38014	18.89	ug/l	100
31) Cyclohexane	5.547	56	33814	18.78	ug/l	93
32) 1,1,1-Trichloroethane	5.458	97	33481	18.79	ug/l	95
36) 1,1-Dichloropropene	5.764	75	27962	18.68	ug/l	95
37) Ethyl Acetate	4.794	43	29898	18.13	ug/l #	94
38) Carbon Tetrachloride	5.747	117	30402	18.50	ug/l	91
39) Methylcyclohexane	7.435	83	32025	19.05	ug/l	89
40) Benzene	6.106	78	79143	18.91	ug/l	99

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41) Methacrylonitrile	4.999	41	17378	18.28	ug/l #	88
42) 1,2-Dichloroethane	6.153	62	34336	19.29	ug/l	93
43) Isopropyl Acetate	6.406	43	51437	18.60	ug/l #	90
44) Trichloroethene	7.182	130	21044	18.93	ug/l	93
45) 1,2-Dichloropropane	7.488	63	21676	19.17	ug/l	95
46) Dibromomethane	7.635	93	14992	19.03	ug/l	91
47) Bromodichloromethane	7.870	83	31624	19.15	ug/l	98
48) Methyl methacrylate	7.741	41	27603	19.40	ug/l #	80
49) 1,4-Dioxane	7.712	88	9858	410.58	ug/l #	88
51) 4-Methyl-2-Pentanone	8.618	43	155888	98.86	ug/l	88
52) Toluene	8.765	92	50034	19.83	ug/l	98
53) t-1,3-Dichloropropene	9.018	75	32049	18.73	ug/l	97
54) cis-1,3-Dichloropropene	8.412	75	34549	18.95	ug/l #	84
55) 1,1,2-Trichloroethane	9.194	97	19997	19.22	ug/l	93
56) Ethyl methacrylate	9.159	69	31835	19.70	ug/l #	74
57) 1,3-Dichloropropane	9.353	76	35547	19.75	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.288	63	79831	98.47	ug/l	94
59) 2-Hexanone	9.471	43	117481	98.98	ug/l	84
60) Dibromochloromethane	9.565	129	23322	19.62	ug/l	99
61) 1,2-Dibromoethane	9.653	107	21149	19.37	ug/l	100
64) Tetrachloroethene	9.318	164	20767	18.06	ug/l	92
65) Chlorobenzene	10.118	112	52448	19.04	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.206	131	20723	19.09	ug/l	99
67) Ethyl Benzene	10.235	91	97682	19.13	ug/l	98
68) m/p-Xylenes	10.341	106	71119	38.88	ug/l	93
69) o-Xylene	10.683	106	34380	19.36	ug/l	93
70) Styrene	10.694	104	58781	19.52	ug/l	95
71) Bromoform	10.841	173	15456	17.57	ug/l #	97
73) Isopropylbenzene	11.000	105	94904	19.16	ug/l	98
74) N-amyl acetate	10.877	43	44771	18.92	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	11.253	83	28723	18.80	ug/l	98
76) 1,2,3-Trichloropropane	11.277	75	30536m	19.30	ug/l	
77) Bromobenzene	11.236	156	22090	18.75	ug/l	91
78) n-propylbenzene	11.341	91	110216	19.33	ug/l	97
79) 2-Chlorotoluene	11.406	91	66718	19.32	ug/l	99
80) 1,3,5-Trimethylbenzene	11.489	105	79152	19.03	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.059	75	9369	16.81	ug/l #	84
82) 4-Chlorotoluene	11.494	91	77002	19.06	ug/l	96
83) tert-Butylbenzene	11.753	119	74031	19.53	ug/l	90
84) 1,2,4-Trimethylbenzene	11.789	105	80183	19.16	ug/l	97
85) sec-Butylbenzene	11.930	105	89884	19.48	ug/l	100
86) p-Isopropyltoluene	12.047	119	79047	18.67	ug/l	95
87) 1,3-Dichlorobenzene	12.012	146	39151	19.03	ug/l	98
88) 1,4-Dichlorobenzene	12.077	146	38323	18.12	ug/l	93
89) n-Butylbenzene	12.371	91	73569	18.95	ug/l	97
90) Hexachloroethane	12.577	117	14496	18.56	ug/l	91
91) 1,2-Dichlorobenzene	12.371	146	37218	18.33	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.983	75	6980	17.65	ug/l	79
93) 1,2,4-Trichlorobenzene	13.630	180	24130	18.56	ug/l	96
94) Hexachlorobutadiene	13.765	225	9883	17.71	ug/l	95
95) Naphthalene	13.818	128	74837	16.91	ug/l	99
96) 1,2,3-Trichlorobenzene	14.001	180	23550	17.38	ug/l	95

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

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