

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX082120\
 Data File : VX018055.D
 Acq On : 21 Aug 2020 13:50
 Operator : JC/SP
 Sample : VX0821WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBSD02

Manual Integrations
 APPROVED

sam
 8/24/2020 5:49:48 PM

Quant Time: Aug 22 00:12:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	657187	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1067042	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1002980	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	494744	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	491782	53.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.80%	
35) Dibromofluoromethane	5.47	113	386768	53.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.44%	
50) Toluene-d8	8.70	98	1421161	52.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.02%	
62) 4-Bromofluorobenzene	11.12	95	554507	52.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	156632	19.576	ug/l	98
3) Chloromethane	1.31	50	159553	18.914	ug/l	99
4) Vinyl Chloride	1.39	62	157840	18.796	ug/l	100
5) Bromomethane	1.63	94	98682	24.364	ug/l	97
6) Chloroethane	1.72	64	94543	20.962	ug/l	97
7) Trichlorofluoromethane	1.92	101	237011	20.699	ug/l	98
8) Diethyl Ether	2.17	74	79882	20.571	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	127701	20.629	ug/l	96
10) Methyl Iodide	2.49	142	123861	22.011	ug/l	100
11) Tert butyl alcohol	3.02	59	169333	95.457	ug/l	96
12) 1,1-Dichloroethene	2.36	96	123335	19.204	ug/l	95
13) Acrolein	2.28	56	69683	94.736	ug/l	98
14) Allyl chloride	2.71	41	249910	21.659	ug/l	99
15) Acrylonitrile	3.12	53	416047	103.393	ug/l	98
16) Acetone	2.42	43	404967	113.913	ug/l	99
17) Carbon Disulfide	2.55	76	385023	19.831	ug/l	99
18) Methyl Acetate	2.75	43	178884	20.852	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	463744	21.055	ug/l	100
20) Methylene Chloride	2.84	84	153668	20.450	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	143501	20.168	ug/l	98
22) Diisopropyl ether	3.83	45	490462	21.536	ug/l	98
23) Vinyl Acetate	3.79	43	2206212	108.872	ug/l	99
24) 1,1-Dichloroethane	3.67	63	268886	20.741	ug/l	98
25) 2-Butanone	4.64	43	621477	106.370	ug/l	99
26) 2,2-Dichloropropane	4.56	77	243158	23.053	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	163962	20.000	ug/l	98
28) Bromochloromethane	4.98	49	126470	20.211	ug/l	96
29) Tetrahydrofuran	5.10	42	381647	102.613	ug/l	99
30) Chloroform	5.18	83	277638	20.683	ug/l	98
31) Cyclohexane	5.55	56	229553	21.021	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	253270	20.560	ug/l	100
36) 1,1-Dichloropropene	5.77	75	202367	20.562	ug/l	99
37) Ethyl Acetate	4.80	43	230449	20.160	ug/l	99
38) Carbon Tetrachloride	5.76	117	226697	20.439	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	221657	20.597	ug/l	98
40) Benzene	6.12	78	593301	20.516	ug/l	97
41) Methacrylonitrile	5.00	41	124934	19.906	ug/l	99
42) 1,2-Dichloroethane	6.17	62	228599	20.632	ug/l	100
43) Isopropyl Acetate	6.42	43	374460	20.282	ug/l	100
44) Trichloroethene	7.19	130	160068	19.589	ug/l	93
45) 1,2-Dichloropropane	7.49	63	160784	20.629	ug/l	94
46) Dibromomethane	7.64	93	110702	20.197	ug/l	94
47) Bromodichloromethane	7.88	83	220949	20.189	ug/l	99
48) Methyl methacrylate	7.74	41	180365	19.624	ug/l	99
49) 1,4-Dioxane	7.72	88	62531	375.596	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	1154870	101.264	ug/l	100
52) Toluene	8.77	92	372371	20.306	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	246428	20.317	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	262536	20.433	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	154154	19.711	ug/l	97
56) Ethyl methacrylate	9.16	69	231700	19.929	ug/l	99
57) 1,3-Dichloropropane	9.35	76	261009	20.234	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	537039	102.682	ug/l	99
59) 2-Hexanone	9.48	43	898925	103.660	ug/l	99
60) Dibromochloromethane	9.57	129	182913	19.937	ug/l	100
61) 1,2-Dibromoethane	9.65	107	162771	19.170	ug/l	99
64) Tetrachloroethene	9.32	164	148683	20.173	ug/l	92
65) Chlorobenzene	10.12	112	405586	20.247	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	154458	19.564	ug/l	97
67) Ethyl Benzene	10.24	91	711034	20.872	ug/l	99
68) m/p-Xylenes	10.34	106	525355	41.318	ug/l	97
69) o-Xylene	10.68	106	254712	20.665	ug/l	99
70) Styrene	10.70	104	434096	20.680	ug/l	98
71) Bromoform	10.84	173	130212	19.336	ug/l #	97
73) Isopropylbenzene	11.00	105	684614	20.979	ug/l	99
74) N-amyl acetate	10.88	43	325556	21.026	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	229580	19.943	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	216308m	19.654	ug/l	
77) Bromobenzene	11.24	156	183246	20.314	ug/l	97
78) n-propylbenzene	11.34	91	788811	21.288	ug/l	99
79) 2-Chlorotoluene	11.40	91	478584	20.905	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	576732	21.506	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	82335	20.205	ug/l	97
82) 4-Chlorotoluene	11.49	91	565477	20.778	ug/l	100
83) tert-Butylbenzene	11.76	119	559574	21.144	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	577637	21.068	ug/l	99
85) sec-Butylbenzene	11.93	105	655251	21.772	ug/l	100
86) p-Isopropyltoluene	12.05	119	603802	21.841	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	309709	19.555	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	314219	19.815	ug/l	96
89) n-Butylbenzene	12.37	91	530847	21.039	ug/l	99
90) Hexachloroethane	12.58	117	112692	20.719	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	311551	20.898	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	54485	18.929	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	192042	19.317	ug/l	99
94) Hexachlorobutadiene	13.77	225	73069	18.634	ug/l	98
95) Naphthalene	13.82	128	642280	19.631	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	193990	19.748	ug/l	99

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

