

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081920\
 Data File : VX018018.D
 Acq On : 20 Aug 2020 05:23
 Operator : JC/SP
 Sample : L3694-02MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-BR1-081320MS

Manual Integrations
 APPROVED

MMDadoda
 8/20/2020 9:17:43 AM

Quant Time: Aug 20 06:31:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081920W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 05:36:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	434354	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	679063	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.10	117	677288	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	362227	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	305013	47.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.80%	
35) Dibromofluoromethane	5.46	113	236951	46.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.72%	
50) Toluene-d8	8.70	98	849251	47.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.02%	
62) 4-Bromofluorobenzene	11.12	95	342002	51.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	346301	52.706	ug/l	96
3) Chloromethane	1.31	50	296071	49.843	ug/l	100
4) Vinyl Chloride	1.39	62	288792	47.095	ug/l	98
5) Bromomethane	1.62	94	187216	56.320	ug/l	100
6) Chloroethane	1.71	64	164434	50.478	ug/l	99
7) Trichlorofluoromethane	1.92	101	469053	51.569	ug/l	99
8) Diethyl Ether	2.17	74	129809	48.968	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	192112	44.908	ug/l	97
10) Methyl Iodide	2.49	142	243000	44.050	ug/l	100
11) Tert butyl alcohol	3.01	59	283161	230.332	ug/l	99
12) 1,1-Dichloroethene	2.36	96	183288	46.816	ug/l	95
13) Acrolein	2.28	56	135096	208.030	ug/l	96
14) Allyl chloride	2.71	41	363052	51.994	ug/l	99
15) Acrylonitrile	3.12	53	743097	276.781	ug/l	99
16) Acetone	2.42	43	657560	262.502	ug/l	99
17) Carbon Disulfide	2.55	76	500921	52.734	ug/l	100
18) Methyl Acetate	2.75	43	296194	46.991	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	852754	56.971	ug/l	99
20) Methylene Chloride	2.84	84	254222	55.084	ug/l	91
21) trans-1,2-Dichloroethene	3.14	96	220061	54.676	ug/l	95
22) Diisopropyl ether	3.83	45	850770	58.123	ug/l	96
23) Vinyl Acetate	3.79	43	2556902	228.583	ug/l	99
24) 1,1-Dichloroethane	3.67	63	448623	55.288	ug/l	99
25) 2-Butanone	4.64	43	1019277	268.773	ug/l	97
26) 2,2-Dichloropropane	4.56	77	262874	35.576	ug/l	96
27) cis-1,2-Dichloroethene	4.56	96	270872	57.051	ug/l	94
28) Bromochloromethane	4.98	49	198005	47.219	ug/l	98
29) Tetrahydrofuran	5.09	42	653162	277.319	ug/l	99
30) Chloroform	5.18	83	489461	55.187	ug/l	100
31) Cyclohexane	5.55	56	386735	58.775	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	441705	54.899	ug/l	99
36) 1,1-Dichloropropene	5.77	75	307319	54.069	ug/l	99
37) Ethyl Acetate	4.80	43	303825	44.677	ug/l	100
38) Carbon Tetrachloride	5.75	117	398246	54.139	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	369113	50.694	ug/l	94
40) Benzene	6.12	78	939605	54.886	ug/l	99
41) Methacrylonitrile	5.01	41	211012	54.136	ug/l	97
42) 1,2-Dichloroethane	6.17	62	399276	54.908	ug/l	99
43) Isopropyl Acetate	6.42	43	544147	49.567	ug/l	98
44) Trichloroethene	7.19	130	270318	53.247	ug/l	95
45) 1,2-Dichloropropane	7.49	63	273625	55.785	ug/l	100
46) Dibromomethane	7.64	93	189007	55.213	ug/l	98
47) Bromodichloromethane	7.88	83	412926	55.564	ug/l	99
48) Methyl methacrylate	7.75	41	310596	57.071	ug/l	98
49) 1,4-Dioxane	7.71	88	98858	887.273	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	2052075	277.629	ug/l	99
52) Toluene	8.77	92	620962	55.442	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	412023	52.420	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	407684	49.746	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	284448	55.282	ug/l	95
56) Ethyl methacrylate	9.16	69	412384	56.686	ug/l	97
57) 1,3-Dichloropropane	9.35	76	452333	55.353	ug/l	100
59) 2-Hexanone	9.48	43	1562890	279.049	ug/l	99
60) Dibromochloromethane	9.57	129	355300	55.289	ug/l	97
61) 1,2-Dibromoethane	9.65	107	304292	53.391	ug/l	100
64) Tetrachloroethene	9.32	164	260685	50.400	ug/l	92
65) Chlorobenzene	10.12	112	710348	52.837	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	301672	53.046	ug/l	98
67) Ethyl Benzene	10.24	91	1234578	55.704	ug/l	100
68) m/p-Xylenes	10.34	106	936467	109.754	ug/l	97
69) o-Xylene	10.68	106	458842	55.767	ug/l	100
70) Stvrene	10.70	104	817370	57.581	ug/l	99
71) Bromoform	10.84	173	272658	53.417	ug/l #	98
73) Isopropylbenzene	11.00	105	1267520	54.365	ug/l	99
74) N-amyl acetate	10.88	43	473540	45.663	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	432422	53.167	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	408997m	53.094	ug/l	
77) Bromobenzene	11.24	156	349586	54.044	ug/l	96
78) n-propylbenzene	11.34	91	1454859	53.351	ug/l	98
79) 2-Chlorotoluene	11.40	91	899169	54.106	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	1101784	53.836	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	136208	46.452	ug/l	97
82) 4-Chlorotoluene	11.49	91	1062804	54.383	ug/l	100
83) tert-Butylbenzene	11.76	119	1077581	55.755	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	1118755	52.804	ug/l	100
85) sec-Butylbenzene	11.93	105	1233249	52.860	ug/l	100
86) p-Isopropyltoluene	12.05	119	1137973	52.434	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	622481	52.873	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	621254	53.862	ug/l	99
89) n-Butylbenzene	12.37	91	960043	53.448	ug/l	99
90) Hexachloroethane	12.58	117	233790	54.164	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	587924	54.095	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	106845	51.571	ug/l	96
93) 1,2,4-Trichlorobenzene	13.63	180	386040	53.993	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.76	225	152331	49.923	ug/l	95
95) Naphthalene	13.82	128	1272191	56.368	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	379644	52.217	ug/l	98

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

