

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092320\
 Data File : VX018556.D
 Acq On : 23 Sep 2020 23:37
 Operator : JC/SP
 Sample : L4083-15MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE109D3-20200917MSD

Manual Integrations
 APPROVED

MMDadoda
 9/24/2020 1:39:39 PM

Quant Time: Sep 24 01:57:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 17 12:17:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	428984	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	678648	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	644918	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	348044	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	279302	46.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.04%	
35) Dibromofluoromethane	5.47	113	217038	46.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.52%	
50) Toluene-d8	8.70	98	763954	44.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.64%	
62) 4-Bromofluorobenzene	11.12	95	294407	43.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	196860	48.402	ug/l	96
3) Chloromethane	1.31	50	217865	45.756	ug/l	97
4) Vinyl Chloride	1.39	62	227678	45.167	ug/l	98
5) Bromomethane	1.64	94	157703	50.973	ug/l	99
6) Chloroethane	1.72	64	133974	46.438	ug/l	100
7) Trichlorofluoromethane	1.92	101	393214	51.348	ug/l	96
8) Diethyl Ether	2.17	74	122856	45.726	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	203646	49.407	ug/l	99
10) Methyl Iodide	2.50	142	246452	48.488	ug/l	94
11) Tert butyl alcohol	3.05	59	210093	198.967	ug/l	99
12) 1,1-Dichloroethene	2.36	96	198631	47.812	ug/l	93
13) Acrolein	2.28	56	201696	301.672	ug/l	96
14) Allyl chloride	2.71	41	347982	43.224	ug/l	95
15) Acrylonitrile	3.12	53	555631	220.536	ug/l	99
16) Acetone	2.43	43	483222	208.206	ug/l	97
17) Carbon Disulfide	2.55	76	557573	44.939	ug/l	99
18) Methyl Acetate	2.75	43	245111	42.625	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	720578	49.410	ug/l	98
20) Methylene Chloride	2.84	84	227137	44.356	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	215285	44.589	ug/l	97
22) Diisopropyl ether	3.82	45	711149	46.994	ug/l	100
23) Vinyl Acetate	3.79	43	2968605	221.384	ug/l	100
24) 1,1-Dichloroethane	3.67	63	405089	46.417	ug/l	98
25) 2-Butanone	4.64	43	761121	210.590	ug/l	100
26) 2,2-Dichloropropane	4.55	77	333723	41.387	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	247895	45.807	ug/l	100
28) Bromochloromethane	4.98	49	184419	45.158	ug/l	99
29) Tetrahydrofuran	5.10	42	496682	218.035	ug/l	98
30) Chloroform	5.18	83	432339	48.825	ug/l	98
31) Cyclohexane	5.55	56	327912	44.650	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	406890	48.981	ug/l	98
36) 1,1-Dichloropropene	5.77	75	308790	46.879	ug/l	99
37) Ethyl Acetate	4.79	43	298755	42.473	ug/l	99
38) Carbon Tetrachloride	5.76	117	377014	51.680	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	331548	44.802	ug/l	99
40) Benzene	6.11	78	874390	46.320	ug/l	99
41) Methacrylonitrile	5.01	41	172743	44.197	ug/l	98
42) 1,2-Dichloroethane	6.17	62	366070	49.846	ug/l	99
43) Isopropyl Acetate	6.42	43	509590	43.658	ug/l	100
44) Trichloroethene	7.19	130	569422	104.199	ug/l	100
45) 1,2-Dichloropropane	7.49	63	236093	45.566	ug/l	100
46) Dibromomethane	7.64	93	167200	46.970	ug/l	98
47) Bromodichloromethane	7.88	83	356481	49.690	ug/l	96
48) Methyl methacrylate	7.75	41	257675	45.354	ug/l	97
49) 1,4-Dioxane	7.76	88	67531	719.367	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1593034	229.216	ug/l	99
52) Toluene	8.77	92	561277	47.249	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	380901	46.726	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	380322	45.287	ug/l	95
55) 1,1,2-Trichloroethane	9.20	97	236077	47.894	ug/l	98
56) Ethyl methacrylate	9.16	69	343873	47.049	ug/l	98
57) 1,3-Dichloropropane	9.35	76	391948	47.327	ug/l	100
59) 2-Hexanone	9.48	43	1192883	225.661	ug/l	99
60) Dibromochloromethane	9.57	129	288685	49.116	ug/l	99
61) 1,2-Dibromoethane	9.65	107	254036	48.438	ug/l	99
64) Tetrachloroethene	9.32	164	241716	47.607	ug/l	95
65) Chlorobenzene	10.12	112	625742	47.120	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	258216	48.471	ug/l	98
67) Ethyl Benzene	10.24	91	1097236	47.735	ug/l	98
68) m/p-Xylenes	10.34	106	822684	94.614	ug/l	97
69) o-Xylene	10.68	106	396943	48.209	ug/l	96
70) Stvrene	10.70	104	676638	47.594	ug/l	97
71) Bromoform	10.84	173	202687	45.315	ug/l #	95
73) Isopropylbenzene	11.00	105	1088505	46.816	ug/l	99
74) N-amyl acetate	10.88	43	427599	40.850	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	347645	45.173	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	320985m	43.887	ug/l	
77) Bromobenzene	11.24	156	284694	44.378	ug/l	96
78) n-propylbenzene	11.34	91	1250121	45.934	ug/l	99
79) 2-Chlorotoluene	11.40	91	741756	45.026	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	925988	46.569	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	116257	40.731	ug/l	94
82) 4-Chlorotoluene	11.49	91	889395	45.418	ug/l	100
83) tert-Butylbenzene	11.76	119	899274	46.580	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	934224	46.652	ug/l	97
85) sec-Butylbenzene	11.93	105	1040616	45.682	ug/l	99
86) p-Isopropyltoluene	12.05	119	961526	45.928	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	513375	44.507	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	524796	44.872	ug/l	99
89) n-Butylbenzene	12.37	91	844524	43.575	ug/l	99
90) Hexachloroethane	12.58	117	184853	44.228	ug/l	93
91) 1,2-Dichlorobenzene	12.38	146	512667	47.487	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	83645	44.772	ug/l	97
93) 1,2,4-Trichlorobenzene	13.63	180	322779	42.958	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	143807	45.609	ug/l	97
95) Naphthalene	13.82	128	1049317	46.242	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	328200	45.705	ug/l	99

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

