

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081920\
 Data File : VX018019.D
 Acq On : 20 Aug 2020 05:46
 Operator : JC/SP
 Sample : L3694-03MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-BR1-081320MSD

Manual Integrations
 APPROVED

MMDadoda
 8/20/2020 9:17:49 AM

Quant Time: Aug 20 06:32:27 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	5.63	168	410945	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	663500	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.10	117	641895	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	347307	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	309613	51.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.80%	
35) Dibromofluoromethane	5.46	113	239778	48.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.06%	
50) Toluene-d8	8.70	98	855646	48.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.98%	
62) 4-Bromofluorobenzene	11.12	95	345920	53.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	312448	50.309	ug/l	94
3) Chloromethane	1.31	50	273577	48.680	ug/l	99
4) Vinyl Chloride	1.39	62	266126	45.929	ug/l	99
5) Bromomethane	1.62	94	182726	58.101	ug/l	91
6) Chloroethane	1.71	64	156496	50.778	ug/l	97
7) Trichlorofluoromethane	1.92	101	430794	50.060	ug/l	99
8) Diethyl Ether	2.17	74	123140	49.098	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	182734	45.149	ug/l	99
10) Methyl Iodide	2.49	142	239904	45.966	ug/l	100
11) Tert butyl alcohol	3.01	59	262324	225.537	ug/l	100
12) 1,1-Dichloroethene	2.36	96	174840	47.202	ug/l	97
13) Acrolein	2.28	56	116899	190.263	ug/l	98
14) Allyl chloride	2.71	41	335124	50.728	ug/l	98
15) Acrylonitrile	3.12	53	676448	266.309	ug/l	99
16) Acetone	2.42	43	611776	258.137	ug/l	99
17) Carbon Disulfide	2.55	76	463763	51.603	ug/l	99
18) Methyl Acetate	2.75	43	368236	61.748	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	788938	55.710	ug/l	99
20) Methylene Chloride	2.84	84	223820	51.259	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	203537	53.451	ug/l	94
22) Diisopropyl ether	3.82	45	783145	56.550	ug/l	96
23) Vinyl Acetate	3.79	43	2390399	225.871	ug/l	100
24) 1,1-Dichloroethane	3.67	63	416714	54.281	ug/l	99
25) 2-Butanone	4.64	43	933724	260.239	ug/l	97
26) 2,2-Dichloropropane	4.55	77	245857	35.168	ug/l	95
27) cis-1,2-Dichloroethene	4.56	96	247017	54.991	ug/l	95
28) Bromochloromethane	4.98	49	202722	51.097	ug/l	100
29) Tetrahydrofuran	5.09	42	599623	269.090	ug/l	100
30) Chloroform	5.18	83	456200	54.367	ug/l	98
31) Cyclohexane	5.55	56	348429	55.970	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	412932	54.247	ug/l	99
36) 1,1-Dichloropropene	5.77	75	285811	51.465	ug/l	99
37) Ethyl Acetate	4.79	43	319468	48.079	ug/l	99
38) Carbon Tetrachloride	5.76	117	372160	51.779	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	323305	45.528	ug/l	99
40) Benzene	6.12	78	867726	51.877	ug/l	99
41) Methacrylonitrile	5.01	41	203533	53.442	ug/l	97
42) 1,2-Dichloroethane	6.17	62	374175	52.663	ug/l	99
43) Isopropyl Acetate	6.41	43	547034	50.998	ug/l	99
44) Trichloroethene	7.19	130	254223	51.251	ug/l	94
45) 1,2-Dichloropropane	7.49	63	247055	51.550	ug/l	98
46) Dibromomethane	7.64	93	173306	51.814	ug/l	97
47) Bromodichloromethane	7.88	83	376175	51.806	ug/l	100
48) Methyl methacrylate	7.74	41	284662	53.532	ug/l	98
49) 1,4-Dioxane	7.71	88	91708	842.406	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1891265	261.874	ug/l	100
52) Toluene	8.77	92	577314	52.754	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	386066	50.270	ug/l	96
54) cis-1,3-Dichloropropene	8.42	75	390457	48.761	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	263142	52.341	ug/l	96
56) Ethyl methacrylate	9.16	69	387331	54.491	ug/l	98
57) 1,3-Dichloropropane	9.35	76	425081	53.238	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	867461	252.010	ug/l	100
59) 2-Hexanone	9.48	43	1429706	261.257	ug/l	99
60) Dibromochloromethane	9.57	129	327103	52.095	ug/l	96
61) 1,2-Dibromoethane	9.65	107	279100	50.119	ug/l	99
64) Tetrachloroethene	9.32	164	291028	59.369	ug/l	96
65) Chlorobenzene	10.12	112	673044	52.823	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	281227	52.178	ug/l	99
67) Ethyl Benzene	10.24	91	1150716	54.783	ug/l	98
68) m/p-Xylenes	10.34	106	891975	110.304	ug/l	95
69) o-Xylene	10.68	106	423146	54.264	ug/l	100
70) Styrene	10.70	104	759082	56.424	ug/l	98
71) Bromoform	10.84	173	254007	52.507	ug/l	99
73) Isopropylbenzene	11.00	105	1183963	52.963	ug/l	100
74) N-amyl acetate	10.88	43	479261	48.200	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	396946	50.902	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	387555m	52.472	ug/l	
77) Bromobenzene	11.24	156	324661	52.347	ug/l	98
78) n-propylbenzene	11.34	91	1340903	51.285	ug/l	100
79) 2-Chlorotoluene	11.40	91	832019	52.216	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1015438	51.749	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	125832	44.757	ug/l	99
82) 4-Chlorotoluene	11.49	91	990752	52.874	ug/l	100
83) tert-Butylbenzene	11.76	119	965280	52.090	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	1062154	52.286	ug/l	99
85) sec-Butylbenzene	11.93	105	1152128	51.504	ug/l	99
86) p-Isopropyltoluene	12.05	119	1076196	51.718	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	586465	51.953	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	587967	53.166	ug/l	99
89) n-Butylbenzene	12.37	91	902879	52.425	ug/l	99
90) Hexachloroethane	12.58	117	217494	52.553	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	562288	53.959	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	101342	51.016	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	370783	54.087	ug/l	97
94) Hexachlorobutadiene	13.77	225	145170	49.620	ug/l	96
95) Naphthalene	13.82	128	1232794	56.969	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	381492	54.726	ug/l	97

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

