

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071320\
 Data File : VX017362.D
 Acq On : 13 Jul 2020 18:44
 Operator : JC/SP
 Sample : VX0713WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0713WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/14/2020 11:36:14 AM

Quant Time: Jul 14 03:15:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 14 02:59:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	304823	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	473231	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	450263	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	244763	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	188798	49.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.70%	
35) Dibromofluoromethane	5.46	113	153721	48.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.44%	
50) Toluene-d8	8.70	98	574161	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	
62) 4-Bromofluorobenzene	11.12	95	220045	48.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	58680	22.750	ug/l	99
3) Chloromethane	1.31	50	60662	20.890	ug/l	99
4) Vinyl Chloride	1.39	62	61754	21.497	ug/l	97
5) Bromomethane	1.63	94	42473	22.712	ug/l	98
6) Chloroethane	1.71	64	37430	20.642	ug/l	96
7) Trichlorofluoromethane	1.92	101	98669	20.350	ug/l	96
8) Diethyl Ether	2.17	74	33511	19.553	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	55552	20.113	ug/l	97
10) Methyl Iodide	2.50	142	62652	18.677	ug/l	98
11) Tert butyl alcohol	3.01	59	68889	106.875	ug/l	99
12) 1,1-Dichloroethene	2.35	96	56075	20.215	ug/l	90
13) Acrolein	2.28	56	29733	84.148	ug/l	99
14) Allyl chloride	2.71	41	97712	20.329	ug/l	97
15) Acrylonitrile	3.12	53	166185	106.355	ug/l	99
16) Acetone	2.42	43	137446	100.702	ug/l	97
17) Carbon Disulfide	2.55	76	166353	20.557	ug/l	100
18) Methyl Acetate	2.75	43	72470	21.497	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	195759	20.783	ug/l	99
20) Methylene Chloride	2.84	84	65910	19.792	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	64575	20.346	ug/l	97
22) Diisopropyl ether	3.83	45	195365	21.337	ug/l	90
23) Vinyl Acetate	3.79	43	867746	107.763	ug/l	100
24) 1,1-Dichloroethane	3.67	63	113574	21.107	ug/l	99
25) 2-Butanone	4.63	43	233495	107.709	ug/l	99
26) 2,2-Dichloropropane	4.56	77	93557	18.682	ug/l	97
27) cis-1,2-Dichloroethene	4.57	96	71645	20.585	ug/l	98
28) Bromochloromethane	4.98	49	50999	20.517	ug/l	98
29) Tetrahydrofuran	5.09	42	152859	108.930	ug/l	99
30) Chloroform	5.18	83	118546	20.477	ug/l	99
31) Cyclohexane	5.55	56	96867	21.990	ug/l	96
32) 1,1,1-Trichloroethane	5.47	97	110250	20.600	ug/l	100
36) 1,1-Dichloropropene	5.77	75	86154	19.793	ug/l	100
37) Ethyl Acetate	4.79	43	91172	20.253	ug/l	98
38) Carbon Tetrachloride	5.76	117	101169	19.851	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	95579	20.220	ug/l	99
40) Benzene	6.11	78	255650	20.436	ug/l	98
41) Methacrylonitrile	5.01	41	51919	21.484	ug/l	96
42) 1,2-Dichloroethane	6.16	62	97287	20.017	ug/l	99
43) Isopropyl Acetate	6.42	43	147205	20.465	ug/l	99
44) Trichloroethene	7.19	130	76077	19.910	ug/l	99
45) 1,2-Dichloropropane	7.49	63	67276	21.018	ug/l	99
46) Dibromomethane	7.64	93	47288	20.484	ug/l	96
47) Bromodichloromethane	7.88	83	96280	19.949	ug/l	100
48) Methyl methacrylate	7.75	41	71880	20.824	ug/l	98
49) 1,4-Dioxane	7.71	88	29391	416.077	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	468321	106.776	ug/l	100
52) Toluene	8.76	92	165569	20.625	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	103832	19.970	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	113218	20.416	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	67819	20.260	ug/l	98
56) Ethyl methacrylate	9.16	69	95956	20.190	ug/l	99
57) 1,3-Dichloropropane	9.35	76	112604	20.222	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	250023	103.610	ug/l	98
59) 2-Hexanone	9.47	43	351283	106.116	ug/l	99
60) Dibromochloromethane	9.56	129	80438	19.669	ug/l	97
61) 1,2-Dibromoethane	9.65	107	71968	19.763	ug/l	98
64) Tetrachloroethene	9.32	164	75981	19.497	ug/l	95
65) Chlorobenzene	10.12	112	182314	19.924	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.20	131	71556	19.642	ug/l	99
67) Ethyl Benzene	10.24	91	313589	20.586	ug/l	98
68) m/p-Xylenes	10.34	106	239703	41.358	ug/l	100
69) o-Xylene	10.68	106	112562	20.325	ug/l	98
70) Styrene	10.69	104	199246	20.959	ug/l	98
71) Bromoform	10.84	173	60025	19.526	ug/l #	100
73) Isopropylbenzene	11.00	105	309428	20.167	ug/l	99
74) N-amyl acetate	10.88	43	126253	20.563	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	97973	21.030	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	95266m	21.064	ug/l	
77) Bromobenzene	11.24	156	84105	19.246	ug/l	97
78) n-propylbenzene	11.34	91	351859	20.419	ug/l	99
79) 2-Chlorotoluene	11.40	91	210969	19.867	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	264387	20.299	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	33480	18.778	ug/l	97
82) 4-Chlorotoluene	11.49	91	254215	20.200	ug/l	99
83) tert-Butylbenzene	11.76	119	251958	20.012	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	269603	20.489	ug/l	100
85) sec-Butylbenzene	11.93	105	294773	19.998	ug/l	99
86) p-Isopropyltoluene	12.05	119	285364	20.460	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	155737	19.921	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	154592	19.573	ug/l	97
89) n-Butylbenzene	12.37	91	233883	19.663	ug/l	100
90) Hexachloroethane	12.58	117	52964	20.003	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	147071	20.019	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	22985	18.698	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	97547	19.128	ug/l	100
94) Hexachlorobutadiene	13.76	225	42601	20.484	ug/l	98
95) Naphthalene	13.82	128	305657	20.385	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	97503	19.793	ug/l	99

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

