

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092319\
 Data File : VX012609.D
 Acq On : 23 Sep 2019 17:07
 Operator : JC/SP
 Sample : VX0923WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0923WBSD02

Manual Integrations
 APPROVED

MMDadoda
 9/24/2019 10:05:46 AM

Quant Time: Sep 24 02:22:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	191195	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	339777	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	308139	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	133520	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	152362	54.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.44%	
35) Dibromofluoromethane	5.49	113	111218	54.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.92%	
50) Toluene-d8	8.71	98	425365	54.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.18%	
62) 4-Bromofluorobenzene	11.14	95	161889	52.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	41475	19.283	ug/l	97
3) Chloromethane	1.32	50	48261	19.540	ug/l	99
4) Vinyl Chloride	1.40	62	47750	19.451	ug/l	95
5) Bromomethane	1.63	94	23789	24.646	ug/l	99
6) Chloroethane	1.72	64	30549	18.459	ug/l	95
7) Trichlorofluoromethane	1.92	101	68805	19.962	ug/l	99
8) Diethyl Ether	2.18	74	27279	19.312	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	41876	19.947	ug/l	96
10) Methyl Iodide	2.50	142	35920	19.586	ug/l	95
11) Tert butyl alcohol	3.03	59	69465	99.877	ug/l	100
12) 1,1-Dichloroethene	2.36	96	40419	19.662	ug/l	91
13) Acrolein	2.28	56	28830	81.599	ug/l	94
14) Allyl chloride	2.72	41	80091	19.637	ug/l	98
15) Acrylonitrile	3.13	53	145127	102.852	ug/l	99
16) Acetone	2.44	43	136868	92.809	ug/l	99
17) Carbon Disulfide	2.56	76	106752	18.524	ug/l	97
18) Methyl Acetate	2.76	43	69764	20.091	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	158281	20.342	ug/l	99
20) Methylene Chloride	2.85	84	49190	19.721	ug/l	95
21) trans-1,2-Dichloroethene	3.15	96	45100	19.803	ug/l	97
22) Diisopropyl ether	3.84	45	157948	20.042	ug/l	93
23) Vinyl Acetate	3.80	43	695542	100.642	ug/l	99
24) 1,1-Dichloroethane	3.69	63	85529	19.966	ug/l	98
25) 2-Butanone	4.66	43	211357	99.955	ug/l	100
26) 2,2-Dichloropropane	4.57	77	71836	18.855	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	51630	19.538	ug/l	97
28) Bromochloromethane	5.01	49	27133	17.444	ug/l	98
29) Tetrahydrofuran	5.12	42	132929	103.140	ug/l	98
30) Chloroform	5.20	83	86902	19.829	ug/l	99
31) Cyclohexane	5.57	56	77092	19.893	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	76611	19.724	ug/l	99
36) 1,1-Dichloropropene	5.79	75	62552	19.099	ug/l	99
37) Ethyl Acetate	4.82	43	77982	20.367	ug/l	97
38) Carbon Tetrachloride	5.78	117	64593	19.415	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	75000	19.022	ug/l	99
40) Benzene	6.14	78	191795	19.903	ug/l	98
41) Methacrylonitrile	5.03	41	42738	19.894	ug/l	96
42) 1,2-Dichloroethane	6.18	62	74163	20.267	ug/l	99
43) Isopropyl Acetate	6.43	43	125497	19.599	ug/l	97
44) Trichloroethene	7.21	130	48890	19.846	ug/l	92
45) 1,2-Dichloropropane	7.51	63	49934	20.240	ug/l	99
46) Dibromomethane	7.65	93	32471	19.331	ug/l	96
47) Bromodichloromethane	7.89	83	65876	19.623	ug/l	99
48) Methyl methacrylate	7.76	41	60392	19.670	ug/l	95
49) 1,4-Dioxane	7.73	88	29244	419.935	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	397624	100.599	ug/l	97
52) Toluene	8.78	92	119140	19.672	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	71501	19.250	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	79243	19.539	ug/l	93
55) 1,1,2-Trichloroethane	9.21	97	47880	19.885	ug/l	96
56) Ethyl methacrylate	9.17	69	79919	19.756	ug/l	95
57) 1,3-Dichloropropane	9.37	76	83139	19.728	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	167618	92.311	ug/l	99
59) 2-Hexanone	9.49	43	309101	102.167	ug/l	97
60) Dibromochloromethane	9.58	129	47556	19.510	ug/l	99
61) 1,2-Dibromoethane	9.67	107	50704	20.234	ug/l	100
64) Tetrachloroethene	9.33	164	43041	20.034	ug/l	96
65) Chlorobenzene	10.14	112	124212	19.143	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	43552	18.525	ug/l	98
67) Ethyl Benzene	10.25	91	229032	19.461	ug/l	99
68) m/p-Xylenes	10.35	106	169214	38.382	ug/l	99
69) o-Xylene	10.70	106	83874	19.661	ug/l	99
70) Styrene	10.71	104	138862	19.417	ug/l	100
71) Bromoform	10.85	173	30084	18.377	ug/l #	99
73) Isopropylbenzene	11.01	105	219683	20.201	ug/l	99
74) N-amyl acetate	10.89	43	102923	19.839	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	74029	20.555	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	72442m	20.511	ug/l	
77) Bromobenzene	11.25	156	49265	20.016	ug/l	97
78) n-propylbenzene	11.35	91	243065	19.853	ug/l	100
79) 2-Chlorotoluene	11.42	91	150110	19.654	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	184059	20.183	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	22715	18.431	ug/l	99
82) 4-Chlorotoluene	11.51	91	174696	20.065	ug/l	98
83) tert-Butylbenzene	11.77	119	176861	20.105	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	188117	20.449	ug/l	99
85) sec-Butylbenzene	11.94	105	203793	19.918	ug/l	99
86) p-Isopropyltoluene	12.06	119	183089	19.831	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	89534	20.214	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	88178	19.701	ug/l	98
89) n-Butylbenzene	12.38	91	155968	19.172	ug/l	99
90) Hexachloroethane	12.59	117	30719	18.664	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	89054	20.083	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.99	75	17979	19.956	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	51515	19.049	ug/l	99
94) Hexachlorobutadiene	13.77	225	21819	18.754	ug/l	98
95) Naphthalene	13.83	128	199732	20.413	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	54945	20.282	ug/l	99

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

