

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX103019\
 Data File : VX013280.D
 Acq On : 30 Oct 2019 12:10
 Operator : JC/SP
 Sample : VX1030WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1030WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/31/2019 4:05:25 PM

Quant Time: Oct 31 02:07:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 24 03:56:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	72258	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	102467	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	103418	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	70224	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	81151	53.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.40%	
35) Dibromofluoromethane	5.49	113	62882	55.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.06%	
50) Toluene-d8	8.71	98	220067	51.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.94%	
62) 4-Bromofluorobenzene	11.13	95	86792	51.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	26312	18.046	ug/l	100
3) Chloromethane	1.32	50	20860	18.011	ug/l	96
4) Vinyl Chloride	1.40	62	22670	17.277	ug/l	97
5) Bromomethane	1.63	94	16499	23.723	ug/l	94
6) Chloroethane	1.72	64	20241	26.355	ug/l	97
7) Trichlorofluoromethane	1.92	101	52908	25.699	ug/l	98
8) Diethyl Ether	2.18	74	18131	25.532	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	24788	19.331	ug/l	99
10) Methyl Iodide	2.50	142	24502	17.633	ug/l	99
11) Tert butyl alcohol	3.03	59	34506	104.626	ug/l	100
12) 1,1-Dichloroethene	2.37	96	22486	18.268	ug/l	95
13) Acrolein	2.28	56	14418	81.312	ug/l	99
14) Allyl chloride	2.72	41	34326	17.713	ug/l	96
15) Acrylonitrile	3.13	53	63033	94.622	ug/l	98
16) Acetone	2.44	43	68097	95.640	ug/l	99
17) Carbon Disulfide	2.56	76	54129	16.357	ug/l	99
18) Methyl Acetate	2.76	43	31878	21.076	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	84492	19.492	ug/l	100
20) Methylene Chloride	2.85	84	26324	19.945	ug/l	94
21) trans-1,2-Dichloroethene	3.15	96	24919	19.748	ug/l	90
22) Diisopropyl ether	3.85	45	71265	18.808	ug/l	97
23) Vinyl Acetate	3.81	43	304416	94.523	ug/l	97
24) 1,1-Dichloroethane	3.69	63	44569	19.123	ug/l	98
25) 2-Butanone	4.66	43	90060	94.316	ug/l	96
26) 2,2-Dichloropropane	4.58	77	41558	19.294	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	28796	19.102	ug/l	99
28) Bromochloromethane	5.01	49	12361	20.569	ug/l	98
29) Tetrahydrofuran	5.12	42	52615	91.414	ug/l	98
30) Chloroform	5.20	83	49462	19.933	ug/l	99
31) Cyclohexane	5.58	56	36371	18.609	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	46049	20.871	ug/l	99
36) 1,1-Dichloropropene	5.79	75	34917	20.311	ug/l	99
37) Ethyl Acetate	4.82	43	32981	19.315	ug/l	98
38) Carbon Tetrachloride	5.78	117	38778	20.474	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	39635	18.068	ug/l	97
40) Benzene	6.14	78	99058	19.247	ug/l	96
41) Methacrylonitrile	5.03	41	17626	19.254	ug/l	96
42) 1,2-Dichloroethane	6.18	62	41088	21.174	ug/l	99
43) Isopropyl Acetate	6.43	43	55065	19.423	ug/l	99
44) Trichloroethene	7.20	130	27145	18.583	ug/l	95
45) 1,2-Dichloropropane	7.51	63	24116	18.708	ug/l	100
46) Dibromomethane	7.65	93	18327	19.733	ug/l	98
47) Bromodichloromethane	7.89	83	36549	20.194	ug/l	99
48) Methyl methacrylate	7.76	41	27658	19.738	ug/l	98
49) 1,4-Dioxane	7.73	88	14245	399.434	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	169994	98.374	ug/l	100
52) Toluene	8.78	92	65330	19.153	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	39294	20.430	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	42086	20.002	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	26981	20.008	ug/l	95
56) Ethyl methacrylate	9.17	69	40248	19.830	ug/l	98
57) 1,3-Dichloropropane	9.37	76	44899	19.733	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	83137	104.977	ug/l	98
59) 2-Hexanone	9.48	43	130707	98.195	ug/l	97
60) Dibromochloromethane	9.57	129	30299	21.442	ug/l	99
61) 1,2-Dibromoethane	9.67	107	29348	20.500	ug/l	97
64) Tetrachloroethene	9.33	164	28245	21.018	ug/l	98
65) Chlorobenzene	10.14	112	70980	19.607	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	28307	21.166	ug/l	98
67) Ethyl Benzene	10.25	91	127613	19.690	ug/l	99
68) m/p-Xylenes	10.35	106	94057	38.402	ug/l	98
69) o-Xylene	10.70	106	46257	19.688	ug/l	98
70) Styrene	10.71	104	77676	19.199	ug/l	97
71) Bromoform	10.85	173	20138	20.608	ug/l #	99
73) Isopropylbenzene	11.01	105	128187	20.101	ug/l	99
74) N-amyl acetate	10.89	43	44823	19.151	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	36791	19.001	ug/l	92
76) 1,2,3-Trichloropropane	11.29	75	32783m	19.369	ug/l	
77) Bromobenzene	11.25	156	29862	19.538	ug/l	98
78) n-propylbenzene	11.35	91	136863	19.758	ug/l	100
79) 2-Chlorotoluene	11.42	91	87225	19.930	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	109404	20.640	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	11826	19.200	ug/l	96
82) 4-Chlorotoluene	11.51	91	98898	19.943	ug/l	99
83) tert-Butylbenzene	11.76	119	101763	19.405	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	112748	21.088	ug/l	98
85) sec-Butylbenzene	11.94	105	118046	19.781	ug/l	100
86) p-Isopropyltoluene	12.06	119	111547	19.896	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	54379	19.694	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	52655	18.730	ug/l	99
89) n-Butylbenzene	12.38	91	84116	18.340	ug/l	99
90) Hexachloroethane	12.59	117	18397	19.594	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	51994	19.150	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	9793	20.338	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	30680	17.945	ug/l	98
94) Hexachlorobutadiene	13.78	225	16554	18.718	ug/l	98
95) Naphthalene	13.83	128	100834	19.216	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	31551	18.675	ug/l	98

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

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