

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021219\
 Data File : VX007490.D
 Acq On : 12 Feb 2019 15:56
 Operator : JC/SP
 Sample : VX0212WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0212WBSD01

Manual Integrations
 APPROVED

MMDadoda
 2/13/2019 12:01:00 PM

Quant Time: Feb 13 01:06:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	450344	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	681440	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	621933	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	310622	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	240638	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	
35) Dibromofluoromethane	5.51	113	220480	49.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.46%	
50) Toluene-d8	8.71	98	810122	49.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.50%	
62) 4-Bromofluorobenzene	11.13	95	285488	47.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	99515	18.096	ug/l	100
3) Chloromethane	1.33	50	89769	17.697	ug/l	100
4) Vinyl Chloride	1.41	62	95884	19.268	ug/l	100
5) Bromomethane	1.64	94	80856	16.100	ug/l	96
6) Chloroethane	1.73	64	64147	19.927	ug/l	96
7) Trichlorofluoromethane	1.93	101	148802	19.115	ug/l	95
8) Diethyl Ether	2.19	74	55924	19.087	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	84265	18.198	ug/l	99
10) Methyl Iodide	2.51	142	99705	14.637	ug/l	99
11) Tert butyl alcohol	3.07	59	111025	112.234	ug/l	99
12) 1,1-Dichloroethene	2.38	96	77420	18.005	ug/l	96
13) Acrolein	2.30	56	27907	60.160	ug/l	98
14) Allyl chloride	2.73	41	138255	19.733	ug/l	98
15) Acrylonitrile	3.15	53	249898	102.118	ug/l	99
16) Acetone	2.45	43	224907	102.716	ug/l	97
17) Carbon Disulfide	2.57	76	193608	18.610	ug/l	98
18) Methyl Acetate	2.78	43	135455	24.054	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	273332	19.621	ug/l	98
20) Methylene Chloride	2.86	84	91933	20.322	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	82290	17.965	ug/l	95
22) Diisopropyl ether	3.87	45	255792	19.848	ug/l	97
23) Vinyl Acetate	3.82	43	1066280	99.707	ug/l	100
24) 1,1-Dichloroethane	3.70	63	145235	19.624	ug/l	99
25) 2-Butanone	4.70	43	330170	105.957	ug/l	98
26) 2,2-Dichloropropane	4.59	77	99503	17.654	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	96726	19.334	ug/l	98
28) Bromochloromethane	5.03	49	66265	19.470	ug/l	98
29) Tetrahydrofuran	5.15	42	211481	107.910	ug/l	99
30) Chloroform	5.22	83	153135	19.829	ug/l	99
31) Cyclohexane	5.57	56	118789	17.871	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	129724	19.900	ug/l	99
36) 1,1-Dichloropropene	5.80	75	105508	17.256	ug/l	98
37) Ethyl Acetate	4.85	43	120510	19.498	ug/l	99
38) Carbon Tetrachloride	5.78	117	112951	19.042	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	124142	16.782	ug/l	95
40) Benzene	6.14	78	337582	18.744	ug/l	98
41) Methacrylonitrile	5.06	41	64317	19.416	ug/l	97
42) 1,2-Dichloroethane	6.20	62	115741	18.574	ug/l	99
43) Isopropyl Acetate	6.46	43	187789	19.684	ug/l	99
44) Trichloroethene	7.21	130	97408	17.958	ug/l	100
45) 1,2-Dichloropropane	7.52	63	87004	19.280	ug/l	98
46) Dibromomethane	7.66	93	60331	18.395	ug/l	98
47) Bromodichloromethane	7.90	83	106046	19.078	ug/l	98
48) Methyl methacrylate	7.77	41	95951	20.108	ug/l	99
49) 1,4-Dioxane	7.75	88	46523	432.634	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	640407	101.973	ug/l	99
52) Toluene	8.78	92	215871	18.577	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	110346	18.482	ug/l	94
54) cis-1,3-Dichloropropene	8.43	75	126715	19.299	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	91328	18.855	ug/l	96
56) Ethyl methacrylate	9.18	69	129344	19.280	ug/l	97
57) 1,3-Dichloropropane	9.37	76	146369	19.001	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	356060	100.695	ug/l	99
59) 2-Hexanone	9.49	43	491968	100.668	ug/l	100
60) Dibromochloromethane	9.58	129	89157	19.462	ug/l	97
61) 1,2-Dibromoethane	9.67	107	95930	18.701	ug/l	95
64) Tetrachloroethene	9.34	164	97609	16.651	ug/l	98
65) Chlorobenzene	10.14	112	246740	18.180	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	90423	19.872	ug/l	98
67) Ethyl Benzene	10.25	91	404426	18.504	ug/l	98
68) m/p-Xylenes	10.36	106	317805	36.580	ug/l	100
69) o-Xylene	10.70	106	157314	18.818	ug/l	98
70) Styrene	10.71	104	248497	18.329	ug/l	99
71) Bromoform	10.85	173	66698	19.395	ug/l	99
73) Isopropylbenzene	11.02	105	410391	19.442	ug/l	99
74) N-amyl acetate	10.90	43	165381	20.256	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	139556	21.694	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	128258m	21.228	ug/l	
77) Bromobenzene	11.26	156	113359	19.060	ug/l	100
78) n-propylbenzene	11.36	91	454423	19.632	ug/l	100
79) 2-Chlorotoluene	11.42	91	267773	19.065	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	335748	19.442	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	34376	20.327	ug/l	95
82) 4-Chlorotoluene	11.51	91	311645	19.176	ug/l	99
83) tert-Butylbenzene	11.77	119	330963	19.357	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	344720	19.662	ug/l	100
85) sec-Butylbenzene	11.94	105	406833	19.660	ug/l	99
86) p-Isopropyltoluene	12.06	119	360561	19.302	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	195130	18.282	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	195996	18.099	ug/l	98
89) n-Butylbenzene	12.39	91	292514	18.203	ug/l	100
90) Hexachloroethane	12.60	117	55738	19.937	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	199163	18.750	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	28033	20.957	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	130376	18.200	ug/l	98
94) Hexachlorobutadiene	13.78	225	60856	17.495	ug/l	98
95) Naphthalene	13.83	128	413692	19.748	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	134093	18.596	ug/l	99

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

