

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012819\
 Data File : VX007260.D
 Acq On : 28 Jan 2019 15:05
 Operator : JC/SP
 Sample : VX0128WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0128WBS01

Manual Integrations
 APPROVED

MMDadoda
 1/29/2019 9:51:19 AM

Quant Time: Jan 29 00:35:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	470633	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	691498	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	621303	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	319226	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	247634	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	
35) Dibromofluoromethane	5.50	113	225698	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	
50) Toluene-d8	8.71	98	821378	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	
62) 4-Bromofluorobenzene	11.13	95	289524	51.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	62938	16.285	ug/l	98
3) Chloromethane	1.33	50	75771	16.841	ug/l	95
4) Vinyl Chloride	1.41	62	85767	17.721	ug/l	99
5) Bromomethane	1.64	94	87841	16.988	ug/l	96
6) Chloroethane	1.73	64	55668	16.473	ug/l	100
7) Trichlorofluoromethane	1.93	101	142003	18.159	ug/l	100
8) Diethyl Ether	2.19	74	56531	18.171	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	85469	18.256	ug/l	98
10) Methyl Iodide	2.51	142	112494	17.813	ug/l	99
11) Tert butyl alcohol	3.07	59	113055	97.441	ug/l	98
12) 1,1-Dichloroethene	2.38	96	78294	18.101	ug/l	97
13) Acrolein	2.29	56	47762	97.355	ug/l	98
14) Allyl chloride	2.73	41	140591	18.965	ug/l	99
15) Acrylonitrile	3.15	53	261834	98.304	ug/l	98
16) Acetone	2.45	43	243098	99.976	ug/l	98
17) Carbon Disulfide	2.57	76	158751	14.255	ug/l	100
18) Methyl Acetate	2.78	43	151977	21.583	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	293888	19.575	ug/l	97
20) Methylene Chloride	2.86	84	90185	19.151	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	81978	17.007	ug/l	98
22) Diisopropyl ether	3.87	45	267155	19.170	ug/l	95
23) Vinyl Acetate	3.82	43	1080964	91.974	ug/l	98
24) 1,1-Dichloroethane	3.70	63	147351	18.909	ug/l	98
25) 2-Butanone	4.70	43	341679	98.206	ug/l	96
26) 2,2-Dichloropropane	4.58	77	110424	18.427	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	95834	18.024	ug/l	98
28) Bromochloromethane	5.03	49	68451	20.049	ug/l	95
29) Tetrahydrofuran	5.15	42	215504	95.311	ug/l	98
30) Chloroform	5.22	83	157822	19.343	ug/l	100
31) Cyclohexane	5.57	56	118538	17.091	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	128793	18.623	ug/l	97
36) 1,1-Dichloropropene	5.80	75	105376	17.528	ug/l	98
37) Ethyl Acetate	4.85	43	124152	19.262	ug/l	98
38) Carbon Tetrachloride	5.79	117	110528	18.273	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	128432	16.757	ug/l	97
40) Benzene	6.14	78	341669	18.625	ug/l	97
41) Methacrylonitrile	5.06	41	68424	18.428	ug/l	98
42) 1,2-Dichloroethane	6.20	62	119563	18.861	ug/l	100
43) Isopropyl Acetate	6.46	43	194835	19.164	ug/l	99
44) Trichloroethene	7.21	130	103236	18.780	ug/l	99
45) 1,2-Dichloropropane	7.52	63	87325	18.935	ug/l	96
46) Dibromomethane	7.66	93	62920	19.412	ug/l	98
47) Bromodichloromethane	7.90	83	106711	19.342	ug/l	97
48) Methyl methacrylate	7.77	41	101808	19.500	ug/l	97
49) 1,4-Dioxane	7.76	88	44413	367.061	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	667908	102.224	ug/l	99
52) Toluene	8.78	92	219925	18.653	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	114443	18.707	ug/l	95
54) cis-1,3-Dichloropropene	8.43	75	130517	19.319	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	96935	20.540	ug/l	97
56) Ethyl methacrylate	9.18	69	133818	19.423	ug/l	94
57) 1,3-Dichloropropane	9.37	76	154114	19.933	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	380513	107.418	ug/l	97
59) 2-Hexanone	9.49	43	504783	101.380	ug/l	99
60) Dibromochloromethane	9.58	129	92755	20.241	ug/l	97
61) 1,2-Dibromoethane	9.67	107	101725	19.579	ug/l	99
64) Tetrachloroethene	9.34	164	108111	20.098	ug/l	92
65) Chlorobenzene	10.14	112	256642	18.939	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	93205	20.446	ug/l	99
67) Ethyl Benzene	10.25	91	412390	18.434	ug/l	97
68) m/p-Xylenes	10.36	106	319517	36.252	ug/l	99
69) o-Xylene	10.69	106	158001	18.381	ug/l	98
70) Styrene	10.71	104	252794	18.569	ug/l	97
71) Bromoform	10.85	173	67755	19.770	ug/l #	98
73) Isopropylbenzene	11.02	105	421288	18.716	ug/l	100
74) N-amyl acetate	10.90	43	168020	18.539	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	139382	19.505	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	134525m	20.795	ug/l	
77) Bromobenzene	11.26	156	117773	18.989	ug/l	99
78) n-propylbenzene	11.36	91	464470	18.796	ug/l	99
79) 2-Chlorotoluene	11.42	91	278092	18.695	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	348216	18.513	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	33108	18.059	ug/l	87
82) 4-Chlorotoluene	11.51	91	320864	18.630	ug/l	100
83) tert-Butylbenzene	11.77	119	342340	18.243	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	355328	18.787	ug/l	98
85) sec-Butylbenzene	11.94	105	425593	18.990	ug/l	100
86) p-Isopropyltoluene	12.06	119	378108	18.861	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	206228	18.396	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	206080	19.490	ug/l	98
89) n-Butylbenzene	12.39	91	309625	18.118	ug/l	99
90) Hexachloroethane	12.60	117	57000	19.683	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	209106	18.901	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	26995	19.100	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	140496	18.510	ug/l	99
94) Hexachlorobutadiene	13.78	225	67555	20.056	ug/l	99
95) Naphthalene	13.83	128	431076	18.743	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	141074	18.710	ug/l	99

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

