

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011419\
 Data File : VX007033.D
 Acq On : 14 Jan 2019 12:30
 Operator : JC/SP
 Sample : VX0114WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0114WBS01

Manual Integrations
 APPROVED

MMDadoda
 1/15/2019 11:13:31 AM

Quant Time: Jan 15 00:05:41 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	529669	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	785014	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	722309	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	362980	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	276984	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
35) Dibromofluoromethane	5.50	113	253452	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
50) Toluene-d8	8.71	98	944122	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	
62) 4-Bromofluorobenzene	11.13	95	338344	52.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	92009	21.153	ug/l	97
3) Chloromethane	1.33	50	106220	20.977	ug/l	100
4) Vinyl Chloride	1.41	62	106844	19.616	ug/l	98
5) Bromomethane	1.64	94	111014	19.076	ug/l	100
6) Chloroethane	1.72	64	71188	18.718	ug/l	98
7) Trichlorofluoromethane	1.93	101	173181	19.678	ug/l	96
8) Diethyl Ether	2.19	74	66044	18.862	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	100261	19.028	ug/l	98
10) Methyl Iodide	2.51	142	148243	20.857	ug/l	99
11) Tert butyl alcohol	3.07	59	134357	102.894	ug/l	99
12) 1,1-Dichloroethene	2.37	96	93865	19.282	ug/l	93
13) Acrolein	2.30	56	53413	96.758	ug/l	97
14) Allyl chloride	2.73	41	165611	19.850	ug/l	99
15) Acrylonitrile	3.15	53	302215	100.819	ug/l	99
16) Acetone	2.45	43	263692	96.359	ug/l	100
17) Carbon Disulfide	2.57	76	217680	17.368	ug/l	99
18) Methyl Acetate	2.78	43	158473	19.997	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	333988	19.767	ug/l	99
20) Methylene Chloride	2.86	84	107256	20.270	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	98624	18.180	ug/l	95
22) Diisopropyl ether	3.87	45	306431	19.537	ug/l	97
23) Vinyl Acetate	3.82	43	1271331	96.115	ug/l	99
24) 1,1-Dichloroethane	3.70	63	168770	19.243	ug/l	99
25) 2-Butanone	4.70	43	392479	100.234	ug/l	98
26) 2,2-Dichloropropane	4.59	77	127957	18.973	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	113693	19.000	ug/l	98
28) Bromochloromethane	5.02	49	80026	20.826	ug/l	96
29) Tetrahydrofuran	5.15	42	251289	98.751	ug/l	97
30) Chloroform	5.21	83	180483	19.655	ug/l	97
31) Cyclohexane	5.57	56	149404	19.140	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	149704	19.234	ug/l	98
36) 1,1-Dichloropropene	5.80	75	128726	18.861	ug/l	99
37) Ethyl Acetate	4.85	43	146507	20.023	ug/l	97
38) Carbon Tetrachloride	5.78	117	130438	18.995	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	164142	18.865	ug/l	96
40) Benzene	6.14	78	397180	19.072	ug/l	99
41) Methacrylonitrile	5.06	41	77819	18.461	ug/l	98
42) 1,2-Dichloroethane	6.20	62	136522	18.971	ug/l	100
43) Isopropyl Acetate	6.46	43	224139	19.420	ug/l	99
44) Trichloroethene	7.21	130	116022	18.592	ug/l	98
45) 1,2-Dichloropropane	7.51	63	100808	19.254	ug/l	96
46) Dibromomethane	7.66	93	71682	19.481	ug/l	98
47) Bromodichloromethane	7.90	83	119527	19.084	ug/l	95
48) Methyl methacrylate	7.77	41	115354	19.462	ug/l	96
49) 1,4-Dioxane	7.75	88	55081	401.799	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	762847	102.846	ug/l	99
52) Toluene	8.79	92	262201	19.589	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	131597	18.948	ug/l	95
54) cis-1,3-Dichloropropene	8.43	75	147781	19.268	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	109760	20.487	ug/l	99
56) Ethyl methacrylate	9.18	69	160144	20.475	ug/l	97
57) 1,3-Dichloropropane	9.37	76	173806	19.802	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	403610	100.365	ug/l	99
59) 2-Hexanone	9.49	43	581842	102.936	ug/l	98
60) Dibromochloromethane	9.59	129	104084	20.007	ug/l	97
61) 1,2-Dibromoethane	9.67	107	115442	19.573	ug/l	100
64) Tetrachloroethene	9.34	164	118620	18.968	ug/l	97
65) Chlorobenzene	10.14	112	301035	19.109	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	104701	19.756	ug/l	99
67) Ethyl Benzene	10.25	91	498741	19.177	ug/l	100
68) m/p-Xylenes	10.36	106	393061	38.360	ug/l	99
69) o-Xylene	10.70	106	194360	19.449	ug/l	98
70) Styrene	10.71	104	310730	19.633	ug/l	99
71) Bromoform	10.86	173	75131	19.075	ug/l	98
73) Isopropylbenzene	11.02	105	514761	20.112	ug/l	99
74) N-amyl acetate	10.90	43	202204	19.622	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	162386	19.984	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	149344m	20.303	ug/l	
77) Bromobenzene	11.26	156	140451	19.915	ug/l	99
78) n-propylbenzene	11.36	91	566649	20.167	ug/l	99
79) 2-Chlorotoluene	11.42	91	337401	19.948	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	421293	19.699	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	38904	18.536	ug/l	91
82) 4-Chlorotoluene	11.51	91	385984	19.710	ug/l	99
83) tert-Butylbenzene	11.77	119	415125	19.455	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	435343	20.243	ug/l	99
85) sec-Butylbenzene	11.94	105	508756	19.964	ug/l	100
86) p-Isopropyltoluene	12.06	119	450268	19.754	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	244574	19.187	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	247734	20.597	ug/l	100
89) n-Butylbenzene	12.39	91	376174	19.359	ug/l	99
90) Hexachloroethane	12.60	117	64767	19.671	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	240104	19.087	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	31954	19.884	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	165758	19.206	ug/l	99
94) Hexachlorobutadiene	13.78	225	76190	19.893	ug/l	98
95) Naphthalene	13.83	128	509717	19.490	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	164867	19.230	ug/l	98

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

