

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121819\
 Data File : VX014107.D
 Acq On : 18 Dec 2019 19:17
 Operator : JC/SP
 Sample : K6300-02MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SSI-MW-4MS

Manual Integrations
 APPROVED

apatel
 12/19/2019 11:51:04 AM

Quant Time: Dec 19 03:50:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	506853	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	785690	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	729726	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	356248	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	283059	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
35) Dibromofluoromethane	5.49	113	233678	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	
50) Toluene-d8	8.71	98	913688	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
62) 4-Bromofluorobenzene	11.13	95	320963	47.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	215909	47.615	ug/l	100
3) Chloromethane	1.32	50	308283	50.660	ug/l	100
4) Vinyl Chloride	1.40	62	316185	49.242	ug/l	99
5) Bromomethane	1.63	94	204875	44.954	ug/l	99
6) Chloroethane	1.71	64	200829	50.676	ug/l	93
7) Trichlorofluoromethane	1.92	101	392463	49.374	ug/l	99
8) Diethyl Ether	2.18	74	183535	49.199	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	234812	49.006	ug/l	99
10) Methyl Iodide	2.50	142	332593	52.497	ug/l	99
11) Tert butyl alcohol	3.04	59	354683	285.747	ug/l	100
12) 1,1-Dichloroethene	2.36	96	237993	48.813	ug/l	99
13) Acrolein	2.28	56	231010	325.123	ug/l	99
14) Allyl chloride	2.72	41	455751	52.353	ug/l	98
15) Acrylonitrile	3.13	53	809366	279.365	ug/l	100
16) Acetone	2.43	43	695784	186.567	ug/l	100
17) Carbon Disulfide	2.56	76	651551	48.164	ug/l	100
18) Methyl Acetate	2.76	43	392235	53.077	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	818507	51.088	ug/l	99
20) Methylene Chloride	2.85	84	284834	48.501	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	263175	48.996	ug/l	97
22) Diisopropyl ether	3.84	45	910611	52.493	ug/l	97
23) Vinyl Acetate	3.80	43	3842246	271.413	ug/l	100
24) 1,1-Dichloroethane	3.69	63	485376	50.291	ug/l	99
25) 2-Butanone	4.65	43	1146797	249.417	ug/l	99
26) 2,2-Dichloropropane	4.58	77	342186	45.664	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	306150	50.397	ug/l	99
28) Bromochloromethane	5.00	49	198287	53.390	ug/l	97
29) Tetrahydrofuran	5.11	42	745523	289.892	ug/l	99
30) Chloroform	5.20	83	471598	51.545	ug/l	97
31) Cyclohexane	5.57	56	437299	50.944	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	402607	51.632	ug/l	99
36) 1,1-Dichloropropene	5.79	75	355579	49.323	ug/l	99
37) Ethyl Acetate	4.82	43	433203	54.416	ug/l	100
38) Carbon Tetrachloride	5.78	117	332082	50.565	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	428223	48.107	ug/l	99
40) Benzene	6.14	78	1105211	49.825	ug/l	100
41) Methacrylonitrile	5.03	41	243473	55.120	ug/l	98
42) 1,2-Dichloroethane	6.18	62	379724	50.501	ug/l	99
43) Isopropyl Acetate	6.44	43	684554	51.959	ug/l	100
44) Trichloroethene	7.21	130	296108	48.330	ug/l	99
45) 1,2-Dichloropropane	7.51	63	287517	50.571	ug/l	97
46) Dibromomethane	7.65	93	186651	49.656	ug/l	99
47) Bromodichloromethane	7.89	83	365620	51.646	ug/l	99
48) Methyl methacrylate	7.76	41	348777	54.062	ug/l	98
49) 1,4-Dioxane	7.73	88	156340	1190.818	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	2277697	275.280	ug/l	99
52) Toluene	8.78	92	690361	49.240	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	396374	51.063	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	448909	51.909	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	287361	51.139	ug/l	99
56) Ethyl methacrylate	9.17	69	460063	52.121	ug/l	100
57) 1,3-Dichloropropane	9.37	76	481395	50.918	ug/l	100
59) 2-Hexanone	9.48	43	1755227	263.521	ug/l	99
60) Dibromochloromethane	9.57	129	292013	52.280	ug/l	100
61) 1,2-Dibromoethane	9.67	107	300051	52.189	ug/l	99
64) Tetrachloroethene	9.33	164	278152	43.076	ug/l	96
65) Chlorobenzene	10.14	112	736917	47.495	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	269738	48.689	ug/l	100
67) Ethyl Benzene	10.25	91	1312154	49.190	ug/l	99
68) m/p-Xylenes	10.36	106	999320	97.403	ug/l	100
69) o-Xylene	10.70	106	483580	48.059	ug/l	100
70) Stvrene	10.71	104	831597	48.874	ug/l	99
71) Bromoform	10.86	173	225540	50.646	ug/l	99
73) Isopropylbenzene	11.01	105	1271948	50.710	ug/l	100
74) N-amyl acetate	10.89	43	595063	50.612	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	458925	52.775	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	361420m	46.731	ug/l	
77) Bromobenzene	11.25	156	330887	47.947	ug/l	99
78) n-propylbenzene	11.35	91	1426942	50.719	ug/l	100
79) 2-Chlorotoluene	11.42	91	855333	50.013	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1051337	49.804	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	145685	53.167	ug/l	99
82) 4-Chlorotoluene	11.51	91	966446	48.717	ug/l	100
83) tert-Butylbenzene	11.76	119	1048489	51.038	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	1057891	50.042	ug/l	100
85) sec-Butylbenzene	11.94	105	1209116	49.857	ug/l	99
86) p-Isopropyltoluene	12.06	119	1103266	49.733	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	570625	47.179	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	565172	45.956	ug/l	99
89) n-Butylbenzene	12.39	91	925527	48.895	ug/l	100
90) Hexachloroethane	12.59	117	198962	49.933	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	570851	46.885	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	96518	50.156	ug/l	99
93) 1,2,4-Trichlorobenzene	13.64	180	355511	44.924	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	166879	43.878	ug/l	98
95) Naphthalene	13.83	128	1124068	48.346	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	372105	47.633	ug/l	100

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

