

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121719\
 Data File : VX014065.D
 Acq On : 17 Dec 2019 20:29
 Operator : JC/SP
 Sample : K6251-14MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW202D-20191207MS

Manual Integrations
 APPROVED

apatel
 12/18/2019 11:04:32 AM

Quant Time: Dec 18 08:00:59 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	521440	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	830869	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	753067	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	365706	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	294211	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	
35) Dibromofluoromethane	5.49	113	243965	48.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.60%	
50) Toluene-d8	8.71	98	946025	48.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.22%	
62) 4-Bromofluorobenzene	11.14	95	330400	45.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.94%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	226704	48.597	ug/l 98
3) Chloromethane	1.32	50	314313	50.206	ug/l 100
4) Vinyl Chloride	1.40	62	325495	49.273	ug/l 100
5) Bromomethane	1.63	94	205594	43.850	ug/l 99
6) Chloroethane	1.71	64	205108	50.308	ug/l 94
7) Trichlorofluoromethane	1.92	101	424035	51.854	ug/l 98
8) Diethyl Ether	2.18	74	186613	48.624	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	236168	47.910	ug/l 99
10) Methyl Iodide	2.50	142	328727	50.538	ug/l 99
11) Tert butyl alcohol	3.03	59	367986	288.171	ug/l 99
12) 1,1-Dichloroethene	2.36	96	249988	49.839	ug/l 99
13) Acrolein	2.28	56	234755	321.151	ug/l 97
14) Allyl chloride	2.72	41	427311	47.713	ug/l 99
15) Acrylonitrile	3.13	53	825552	276.980	ug/l 99
16) Acetone	2.43	43	728721	189.933	ug/l 99
17) Carbon Disulfide	2.56	76	668937	48.068	ug/l 100
18) Methyl Acetate	2.76	43	331795	43.642	ug/l 99
19) Methyl tert-butyl Ether	3.18	73	842194	51.096	ug/l 100
20) Methylene Chloride	2.84	84	288518	47.754	ug/l 98
21) trans-1,2-Dichloroethene	3.15	96	267608	48.427	ug/l 100
22) Diisopropyl ether	3.84	45	914724	51.255	ug/l 95
23) Vinyl Acetate	3.80	43	3119893	214.221	ug/l 99
24) 1,1-Dichloroethane	3.69	63	517627	52.132	ug/l 100
25) 2-Butanone	4.66	43	1168242	246.973	ug/l 99
26) 2,2-Dichloropropane	4.58	77	193849	25.145	ug/l 93
27) cis-1,2-Dichloroethene	4.59	96	361117	57.782	ug/l 93
28) Bromochloromethane	5.00	49	200655	52.524	ug/l 99
29) Tetrahydrofuran	5.11	42	761892	287.969	ug/l 98
30) Chloroform	5.20	83	477619	50.743	ug/l 98
31) Cyclohexane	5.57	56	445130	50.405	ug/l 99
32) 1,1,1-Trichloroethane	5.48	97	400496	49.924	ug/l 98
36) 1,1-Dichloropropene	5.79	75	357704	46.920	ug/l 99
37) Ethyl Acetate	4.82	43	368969	43.827	ug/l 99
38) Carbon Tetrachloride	5.78	117	333758	48.057	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	423555	44.995	ug/l	98
40) Benzene	6.13	78	1119667	47.732	ug/l	100
41) Methacrylonitrile	5.03	41	244382	52.318	ug/l	98
42) 1,2-Dichloroethane	6.18	62	383731	48.259	ug/l	99
43) Isopropyl Acetate	6.43	43	621347	44.597	ug/l	99
44) Trichloroethene	7.20	130	577078	89.068	ug/l	98
45) 1,2-Dichloropropane	7.51	63	293965	48.894	ug/l	99
46) Dibromomethane	7.65	93	188702	47.472	ug/l	99
47) Bromodichloromethane	7.89	83	367375	49.073	ug/l	99
48) Methyl methacrylate	7.76	41	349921	51.290	ug/l	100
49) 1,4-Dioxane	7.73	88	158472	1141.423	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2290431	261.767	ug/l	99
52) Toluene	8.78	92	708047	47.755	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	367774	44.802	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	406634	44.464	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	283098	47.641	ug/l	99
56) Ethyl methacrylate	9.17	69	468164	50.155	ug/l	100
57) 1,3-Dichloropropane	9.37	76	487651	48.775	ug/l	100
59) 2-Hexanone	9.48	43	1777719	252.385	ug/l	100
60) Dibromochloromethane	9.58	129	294894	49.925	ug/l	99
61) 1,2-Dibromoethane	9.67	107	300097	49.358	ug/l	100
64) Tetrachloroethene	9.33	164	349512	52.450	ug/l	99
65) Chlorobenzene	10.14	112	746839	46.642	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	275458	48.180	ug/l	99
67) Ethyl Benzene	10.25	91	1312024	47.661	ug/l	100
68) m/p-Xylenes	10.35	106	995449	94.018	ug/l	100
69) o-Xylene	10.70	106	485782	46.782	ug/l	99
70) Styrene	10.71	104	828005	47.155	ug/l	99
71) Bromoform	10.85	173	225509	49.070	ug/l	100
73) Isopropylbenzene	11.01	105	1274719	49.507	ug/l	100
74) N-amyl acetate	10.89	43	485045	40.188	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	459274	51.449	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	413360m	52.064	ug/l	
77) Bromobenzene	11.25	156	330413	46.640	ug/l	100
78) n-propylbenzene	11.35	91	1402204	48.550	ug/l	100
79) 2-Chlorotoluene	11.42	91	841979	47.959	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	1052985	48.592	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	119157	42.361	ug/l	97
82) 4-Chlorotoluene	11.51	91	966185	47.444	ug/l	99
83) tert-Butylbenzene	11.76	119	1054695	50.013	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	1051977	48.475	ug/l	100
85) sec-Butylbenzene	11.94	105	1197460	48.099	ug/l	99
86) p-Isopropyltoluene	12.06	119	1090494	47.886	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	564866	45.495	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	563526	44.637	ug/l	100
89) n-Butylbenzene	12.38	91	888872	45.744	ug/l	100
90) Hexachloroethane	12.59	117	197341	48.245	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	578519	46.286	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	99333	50.284	ug/l	99
93) 1,2,4-Trichlorobenzene	13.64	180	342917	42.212	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	163668	41.921	ug/l	98
95) Naphthalene	13.83	128	1129642	47.329	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	360984	45.015	ug/l	98

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

