

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX123019\
 Data File : VX014350.D
 Acq On : 30 Dec 2019 13:37
 Operator : JC/SP
 Sample : VX1230WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1230WBS02

Manual Integrations
 APPROVED

apatel
 12/31/2019 9:32:39 AM

Quant Time: Dec 31 02:47:20 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	511300	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	778289	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	703109	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	340124	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	279521	48.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.48%	
35) Dibromofluoromethane	5.48	113	231028	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	
50) Toluene-d8	8.71	98	885864	48.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.18%	
62) 4-Bromofluorobenzene	11.13	95	320341	47.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.16%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	74604	16.310	ug/l 98
3) Chloromethane	1.32	50	106714	17.384	ug/l 100
4) Vinyl Chloride	1.40	62	113447	17.514	ug/l 99
5) Bromomethane	1.63	94	69736	15.169	ug/l 98
6) Chloroethane	1.72	64	76353	19.099	ug/l 95
7) Trichlorofluoromethane	1.92	101	148524	18.523	ug/l 98
8) Diethyl Ether	2.18	74	68313	18.153	ug/l 94
9) 1,1,2-Trichlorotrifluoroet	2.37	101	92531	19.144	ug/l 98
10) Methyl Iodide	2.50	142	93875	16.576	ug/l 99
11) Tert butyl alcohol	3.03	59	112661	89.975	ug/l 98
12) 1,1-Dichloroethene	2.37	96	87855	17.863	ug/l 100
13) Acrolein	2.28	56	61017	85.128	ug/l 97
14) Allyl chloride	2.72	41	167014	19.019	ug/l 98
15) Acrylonitrile	3.13	53	283426	96.978	ug/l 100
16) Acetone	2.43	43	253658	67.424	ug/l 100
17) Carbon Disulfide	2.56	76	221128	16.702	ug/l 99
18) Methyl Acetate	2.76	43	145919	19.574	ug/l 96
19) Methyl tert-butyl Ether	3.18	73	309851	19.172	ug/l 98
20) Methylene Chloride	2.84	84	110418	18.638	ug/l 96
21) trans-1,2-Dichloroethene	3.16	96	96654	17.838	ug/l 98
22) Diisopropyl ether	3.84	45	352133	20.122	ug/l 93
23) Vinyl Acetate	3.80	43	1468391	102.824	ug/l 100
24) 1,1-Dichloroethane	3.69	63	183055	18.802	ug/l 99
25) 2-Butanone	4.65	43	391786	84.468	ug/l 97
26) 2,2-Dichloropropane	4.57	77	143388	18.969	ug/l 100
27) cis-1,2-Dichloroethene	4.58	96	112165	18.303	ug/l 99
28) Bromochloromethane	5.00	49	77894	21.068	ug/l 94
29) Tetrahydrofuran	5.11	42	247379	95.355	ug/l 99
30) Chloroform	5.20	83	179604	19.460	ug/l 98
31) Cyclohexane	5.57	56	160898	18.581	ug/l 97
32) 1,1,1-Trichloroethane	5.48	97	147619	18.766	ug/l 97
36) 1,1-Dichloropropene	5.79	75	131703	18.443	ug/l 99
37) Ethyl Acetate	4.81	43	154358	19.574	ug/l 99
38) Carbon Tetrachloride	5.77	117	120916	18.586	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	166216	18.850	ug/l	99
40) Benzene	6.13	78	415797	18.923	ug/l	98
41) Methacrylonitrile	5.03	41	86517	19.773	ug/l	97
42) 1,2-Dichloroethane	6.18	62	137903	18.515	ug/l	98
43) Isopropyl Acetate	6.43	43	252852	19.374	ug/l	99
44) Trichloroethene	7.20	130	112234	18.493	ug/l	99
45) 1,2-Dichloropropane	7.51	63	111313	19.765	ug/l	98
46) Dibromomethane	7.65	93	67720	18.187	ug/l	98
47) Bromodichloromethane	7.89	83	134909	19.238	ug/l	98
48) Methyl methacrylate	7.76	41	122115	19.108	ug/l	98
49) 1,4-Dioxane	7.73	88	46573	358.113	ug/l	96
51) 4-Methyl-2-Pentanone	8.63	43	780498	95.227	ug/l	99
52) Toluene	8.78	92	258079	18.582	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	146441	19.045	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	165691	19.342	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	107705	19.349	ug/l	99
56) Ethyl methacrylate	9.17	69	163827	18.737	ug/l	98
57) 1,3-Dichloropropane	9.36	76	182086	19.443	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	357250	107.965	ug/l	99
59) 2-Hexanone	9.48	43	582002	88.210	ug/l	99
60) Dibromochloromethane	9.57	129	105772	19.117	ug/l	100
61) 1,2-Dibromoethane	9.67	107	110421	19.388	ug/l	99
64) Tetrachloroethene	9.33	164	115990	18.643	ug/l	97
65) Chlorobenzene	10.13	112	279662	18.707	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	102723	19.244	ug/l	99
67) Ethyl Benzene	10.25	91	485570	18.892	ug/l	98
68) m/p-Xylenes	10.35	106	371924	37.623	ug/l	100
69) o-Xylene	10.70	106	177833	18.342	ug/l	97
70) Styrene	10.71	104	305113	18.611	ug/l	100
71) Bromoform	10.85	173	78069	18.195	ug/l	100
73) Isopropylbenzene	11.01	105	479409	20.019	ug/l	99
74) N-amyl acetate	10.89	43	214433	19.103	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	160256	19.303	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	154664m	20.946	ug/l	
77) Bromobenzene	11.25	156	122259	18.556	ug/l	98
78) n-propylbenzene	11.35	91	538755	20.057	ug/l	100
79) 2-Chlorotoluene	11.42	91	321400	19.684	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	397723	19.734	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	48134	18.399	ug/l	93
82) 4-Chlorotoluene	11.51	91	370133	19.542	ug/l	98
83) tert-Butylbenzene	11.76	119	382281	19.491	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	401412	19.888	ug/l	100
85) sec-Butylbenzene	11.94	105	464946	20.081	ug/l	100
86) p-Isopropyltoluene	12.06	119	422926	19.968	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	219608	19.018	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	214933	18.305	ug/l	98
89) n-Butylbenzene	12.39	91	358711	19.849	ug/l	100
90) Hexachloroethane	12.59	117	72822	19.142	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	219027	18.842	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	32282	17.571	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	141527	18.732	ug/l	99
94) Hexachlorobutadiene	13.78	225	71572	19.711	ug/l	97
95) Naphthalene	13.83	128	416169	18.748	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	141974	19.036	ug/l	98

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

