

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121619\
 Data File : VX014025.D
 Acq On : 16 Dec 2019 11:10
 Operator : JC/SP
 Sample : VX1216WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1216WBS01

Manual Integrations
 APPROVED

apatel
 12/17/2019 4:50:08 PM

Quant Time: Dec 17 03:47:05 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	589455	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	888102	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	800945	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	392018	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	303118	45.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.74%	
35) Dibromofluoromethane	5.48	113	248451	46.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.04%	
50) Toluene-d8	8.71	98	965903	45.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.92%	
62) 4-Bromofluorobenzene	11.13	95	341669	44.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.94%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	97670	18.521	ug/l 95
3) Chloromethane	1.32	50	130315	18.414	ug/l 100
4) Vinyl Chloride	1.40	62	135017	18.081	ug/l 98
5) Bromomethane	1.63	94	85595	16.150	ug/l 99
6) Chloroethane	1.71	64	84008	18.227	ug/l 97
7) Trichlorofluoromethane	1.92	101	168089	18.183	ug/l 99
8) Diethyl Ether	2.18	74	75780	17.467	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	104141	18.689	ug/l 99
10) Methyl Iodide	2.50	142	128186	19.150	ug/l 99
11) Tert butyl alcohol	3.03	59	120720	83.628	ug/l 100
12) 1,1-Dichloroethene	2.36	96	99011	17.462	ug/l 98
13) Acrolein	2.28	56	102582	124.142	ug/l 99
14) Allyl chloride	2.72	41	185743	18.347	ug/l 99
15) Acrylonitrile	3.13	53	303873	90.188	ug/l 99
16) Acetone	2.43	43	366971	84.611	ug/l 100
17) Carbon Disulfide	2.56	76	276761	18.068	ug/l 99
18) Methyl Acetate	2.76	43	157857	18.368	ug/l 98
19) Methyl tert-butyl Ether	3.18	73	338751	18.181	ug/l 99
20) Methylene Chloride	2.84	84	121334	17.765	ug/l 95
21) trans-1,2-Dichloroethene	3.15	96	108241	17.328	ug/l 98
22) Diisopropyl ether	3.84	45	369300	18.305	ug/l 90
23) Vinyl Acetate	3.80	43	1588036	96.458	ug/l 99
24) 1,1-Dichloroethane	3.69	63	200985	17.906	ug/l 97
25) 2-Butanone	4.65	43	472640	88.390	ug/l 98
26) 2,2-Dichloropropane	4.57	77	161438	18.525	ug/l 98
27) cis-1,2-Dichloroethene	4.58	96	125415	17.752	ug/l 99
28) Bromochloromethane	5.00	49	77795	18.312	ug/l 99
29) Tetrahydrofuran	5.11	42	274023	91.621	ug/l 99
30) Chloroform	5.20	83	191982	18.043	ug/l 100
31) Cyclohexane	5.57	56	187461	18.778	ug/l 99
32) 1,1,1-Trichloroethane	5.48	97	163990	18.084	ug/l 99
36) 1,1-Dichloropropene	5.79	75	145888	17.903	ug/l 99
37) Ethyl Acetate	4.82	43	166866	18.543	ug/l 99
38) Carbon Tetrachloride	5.77	117	139115	18.740	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	185506	18.437	ug/l	99
40) Benzene	6.13	78	454819	18.140	ug/l	100
41) Methacrylonitrile	5.03	41	91232	18.272	ug/l	99
42) 1,2-Dichloroethane	6.18	62	155186	18.259	ug/l	100
43) Isopropyl Acetate	6.43	43	272491	18.298	ug/l	99
44) Trichloroethene	7.20	130	120754	17.436	ug/l	100
45) 1,2-Dichloropropane	7.50	63	116982	18.203	ug/l	95
46) Dibromomethane	7.65	93	75100	17.675	ug/l	100
47) Bromodichloromethane	7.89	83	146971	18.367	ug/l	94
48) Methyl methacrylate	7.76	41	134358	18.425	ug/l	98
49) 1,4-Dioxane	7.73	88	51722	348.529	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	848972	90.774	ug/l	98
52) Toluene	8.78	92	281704	17.776	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	160189	18.257	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	182763	18.697	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	114802	18.074	ug/l	98
56) Ethyl methacrylate	9.17	69	179570	17.998	ug/l	99
57) 1,3-Dichloropropane	9.37	76	197000	18.434	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	371137	98.293	ug/l	100
59) 2-Hexanone	9.48	43	672066	89.265	ug/l	99
60) Dibromochloromethane	9.57	129	115009	18.216	ug/l	97
61) 1,2-Dibromoethane	9.67	107	119243	18.349	ug/l	99
64) Tetrachloroethene	9.33	164	115383	16.280	ug/l	97
65) Chlorobenzene	10.14	112	300711	17.658	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	111165	18.282	ug/l	99
67) Ethyl Benzene	10.25	91	534883	18.269	ug/l	99
68) m/p-Xylenes	10.35	106	406337	36.084	ug/l	99
69) o-Xylene	10.70	106	197872	17.916	ug/l	99
70) Styrene	10.71	104	333208	17.842	ug/l	99
71) Bromoform	10.85	173	86328	17.662	ug/l #	99
73) Isopropylbenzene	11.01	105	523819	18.978	ug/l	99
74) N-amyl acetate	10.89	43	239449	18.508	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	179532	18.762	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	144353m	16.961	ug/l	
77) Bromobenzene	11.25	156	134914	17.766	ug/l	99
78) n-propylbenzene	11.35	91	591440	19.104	ug/l	99
79) 2-Chlorotoluene	11.42	91	354062	18.814	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	440905	18.981	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	56230	18.648	ug/l	95
82) 4-Chlorotoluene	11.51	91	403919	18.503	ug/l	99
83) tert-Butylbenzene	11.76	119	430411	19.040	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	442425	19.019	ug/l	100
85) sec-Butylbenzene	11.94	105	506411	18.976	ug/l	100
86) p-Isopropyltoluene	12.06	119	467042	19.132	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	233880	17.573	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	233218	17.233	ug/l	99
89) n-Butylbenzene	12.38	91	386060	18.534	ug/l	99
90) Hexachloroethane	12.59	117	81352	18.554	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	236027	17.616	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	36655	17.310	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	149875	17.211	ug/l	98
94) Hexachlorobutadiene	13.77	225	75758	18.102	ug/l	96
95) Naphthalene	13.83	128	454724	17.773	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	151754	17.654	ug/l	96

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

