

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX121919\
 Data File : VX014139.D
 Acq On : 19 Dec 2019 22:50
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 12/20/2019 10:23:31 AM

Quant Time: Dec 20 04:18:47 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	504466	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	784291	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	708004	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	351630	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	287267	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	
35) Dibromofluoromethane	5.49	113	238987	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	
50) Toluene-d8	8.71	98	907851	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	
62) 4-Bromofluorobenzene	11.13	95	323446	47.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	205472	45.528	ug/l	97
3) Chloromethane	1.32	50	296941	49.027	ug/l	100
4) Vinyl Chloride	1.40	62	310367	48.564	ug/l	98
5) Bromomethane	1.63	94	212700	46.892	ug/l	99
6) Chloroethane	1.72	64	198753	50.389	ug/l	95
7) Trichlorofluoromethane	1.92	101	384314	48.578	ug/l	100
8) Diethyl Ether	2.18	74	186299	50.176	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	228250	47.862	ug/l	100
10) Methyl Iodide	2.50	142	308825	49.152	ug/l	100
11) Tert butyl alcohol	3.03	59	301137	243.756	ug/l	100
12) 1,1-Dichloroethene	2.36	96	237898	49.025	ug/l	99
13) Acrolein	2.28	56	198242	280.326	ug/l	96
14) Allyl chloride	2.72	41	444631	51.318	ug/l	99
15) Acrylonitrile	3.13	53	773223	268.152	ug/l	99
16) Acetone	2.43	43	787884	212.263	ug/l	100
17) Carbon Disulfide	2.56	76	628558	46.708	ug/l	100
18) Methyl Acetate	2.76	43	395897	53.826	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	841609	52.779	ug/l	99
20) Methylene Chloride	2.85	84	285926	48.917	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	260441	48.716	ug/l	97
22) Diisopropyl ether	3.84	45	913647	52.917	ug/l	97
23) Vinyl Acetate	3.80	43	3567761	253.216	ug/l	100
24) 1,1-Dichloroethane	3.69	63	485442	50.536	ug/l	99
25) 2-Butanone	4.65	43	1133805	247.758	ug/l	98
26) 2,2-Dichloropropane	4.58	77	337339	45.231	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	307464	50.853	ug/l	98
28) Bromochloromethane	5.01	49	204596	55.333	ug/l	99
29) Tetrahydrofuran	5.11	42	695314	271.648	ug/l	99
30) Chloroform	5.20	83	470923	51.715	ug/l	98
31) Cyclohexane	5.57	56	415161	48.594	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	391974	50.506	ug/l	99
36) 1,1-Dichloropropene	5.79	75	348525	48.431	ug/l	100
37) Ethyl Acetate	4.82	43	418586	52.674	ug/l	99
38) Carbon Tetrachloride	5.78	117	327205	49.911	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	7.46	83	407063	45.811	ug/l	97
40) Benzene	6.14	78	1098665	49.619	ug/l	100
41) Methacrylonitrile	5.03	41	233766	53.017	ug/l	98
42) 1,2-Dichloroethane	6.18	62	380819	50.737	ug/l	100
43) Isopropyl Acetate	6.43	43	688896	52.382	ug/l	100
44) Trichloroethene	7.20	130	295324	48.288	ug/l	99
45) 1,2-Dichloropropane	7.51	63	290668	51.217	ug/l	99
46) Dibromomethane	7.65	93	186306	49.653	ug/l	100
47) Bromodichloromethane	7.89	83	366894	51.919	ug/l	99
48) Methyl methacrylate	7.76	41	339135	52.661	ug/l	99
49) 1,4-Dioxane	7.73	88	133134	1015.870	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2145714	259.791	ug/l	100
52) Toluene	8.78	92	686833	49.076	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	401754	51.848	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	451240	52.272	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	285787	50.949	ug/l	97
56) Ethyl methacrylate	9.17	69	461618	52.390	ug/l	100
57) 1,3-Dichloropropane	9.37	76	479784	50.838	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	906999	272.008	ug/l	100
59) 2-Hexanone	9.48	43	1685770	253.544	ug/l	99
60) Dibromochloromethane	9.57	129	293849	52.703	ug/l	99
61) 1,2-Dibromoethane	9.67	107	294554	51.324	ug/l	100
64) Tetrachloroethene	9.33	164	351567	56.116	ug/l	96
65) Chlorobenzene	10.14	112	731649	48.602	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	275610	51.275	ug/l	99
67) Ethyl Benzene	10.25	91	1279698	49.445	ug/l	100
68) m/p-Xylenes	10.35	106	974560	97.904	ug/l	100
69) o-Xylene	10.70	106	476476	48.806	ug/l	98
70) Styrene	10.71	104	819603	49.647	ug/l	99
71) Bromoform	10.85	173	227351	52.619	ug/l	99
73) Isopropylbenzene	11.01	105	1239261	50.056	ug/l	100
74) N-amyl acetate	10.89	43	607587	52.356	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	434080	50.573	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	357843m	46.876	ug/l	
77) Bromobenzene	11.25	156	332384	48.796	ug/l	98
78) n-propylbenzene	11.35	91	1397479	50.324	ug/l	99
79) 2-Chlorotoluene	11.42	91	837406	49.608	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1040326	49.929	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	139891	51.723	ug/l	98
82) 4-Chlorotoluene	11.51	91	956013	48.824	ug/l	99
83) tert-Butylbenzene	11.76	119	939864	46.352	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	1050709	50.355	ug/l	100
85) sec-Butylbenzene	11.94	105	1184668	49.490	ug/l	100
86) p-Isopropyltoluene	12.06	119	1098544	50.170	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	575211	48.182	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	574362	47.316	ug/l	99
89) n-Butylbenzene	12.39	91	921207	49.306	ug/l	99
90) Hexachloroethane	12.59	117	196500	49.962	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	582757	48.491	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	92985	48.955	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	388992	49.801	ug/l	99
94) Hexachlorobutadiene	13.78	225	179559	47.832	ug/l	99
95) Naphthalene	13.83	128	1226452	53.442	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	391268	50.744	ug/l	98

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

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