

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX121119\
 Data File : VX013932.D
 Acq On : 11 Dec 2019 09:58
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 12/12/2019 9:26:28 AM

Quant Time: Dec 12 03:59:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	589914	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	879923	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	804058	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	423183	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	310812	45.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.78%	
35) Dibromofluoromethane	5.48	113	267388	49.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.30%	
50) Toluene-d8	8.71	98	1007328	47.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.06%	
62) 4-Bromofluorobenzene	11.13	95	377752	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	300678	45.793	ug/l	97
3) Chloromethane	1.32	50	329127	44.672	ug/l	98
4) Vinyl Chloride	1.40	62	397111	47.888	ug/l	99
5) Bromomethane	1.63	94	251413	45.145	ug/l	98
6) Chloroethane	1.72	64	221039	46.842	ug/l	98
7) Trichlorofluoromethane	1.92	101	431478	46.859	ug/l	100
8) Diethyl Ether	2.18	74	197546	47.421	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	273837	48.688	ug/l	99
10) Methyl Iodide	2.50	142	296512	43.582	ug/l	99
11) Tert butyl alcohol	3.03	59	299667	177.297	ug/l	98
12) 1,1-Dichloroethene	2.37	96	260372	46.379	ug/l	99
13) Acrolein	2.28	56	280719	248.385	ug/l	99
14) Allyl chloride	2.72	41	475646	46.687	ug/l	99
15) Acrylonitrile	3.13	53	773437	221.687	ug/l	99
16) Acetone	2.43	43	985619	291.540	ug/l	100
17) Carbon Disulfide	2.56	76	654556	40.900	ug/l	99
18) Methyl Acetate	2.76	43	444114	47.176	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	888033	47.749	ug/l	99
20) Methylene Chloride	2.85	84	301336	46.395	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	281100	45.962	ug/l	98
22) Diisopropyl ether	3.84	45	962595	49.068	ug/l #	89
23) Vinyl Acetate	3.80	43	3872666	237.300	ug/l	100
24) 1,1-Dichloroethane	3.69	63	521196	48.600	ug/l	97
25) 2-Butanone	4.65	43	1248851	248.557	ug/l	99
26) 2,2-Dichloropropane	4.57	77	424658	47.860	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	328077	46.712	ug/l	99
28) Bromochloromethane	5.00	49	225465	53.202	ug/l	97
29) Tetrahydrofuran	5.11	42	683184	220.568	ug/l	99
30) Chloroform	5.20	83	543447	49.967	ug/l	99
31) Cyclohexane	5.56	56	459571	45.434	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	433093	47.652	ug/l	99
36) 1,1-Dichloropropene	5.79	75	381897	47.812	ug/l	98
37) Ethyl Acetate	4.81	43	417433	46.585	ug/l	99
38) Carbon Tetrachloride	5.78	117	369850	50.216	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	475711	48.182	ug/l	99
40) Benzene	6.13	78	1178577	48.447	ug/l	99
41) Methacrylonitrile	5.02	41	239192	48.673	ug/l	99
42) 1,2-Dichloroethane	6.18	62	403846	48.676	ug/l	99
43) Isopropyl Acetate	6.43	43	688039	46.640	ug/l	100
44) Trichloroethene	7.20	130	319978	47.926	ug/l	97
45) 1,2-Dichloropropane	7.51	63	311859	51.237	ug/l	97
46) Dibromomethane	7.65	93	198286	47.966	ug/l	99
47) Bromodichloromethane	7.89	83	403372	51.616	ug/l	97
48) Methyl methacrylate	7.76	41	350354	48.879	ug/l	99
49) 1,4-Dioxane	7.73	88	124774	777.689	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	2170723	233.927	ug/l	100
52) Toluene	8.78	92	741460	49.061	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	439963	49.460	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	493405	50.771	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	302657	49.695	ug/l	98
56) Ethyl methacrylate	9.17	69	479288	48.949	ug/l	99
57) 1,3-Dichloropropane	9.36	76	516785	49.229	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	924371	240.781	ug/l	100
59) 2-Hexanone	9.48	43	1774934	245.247	ug/l	99
60) Dibromochloromethane	9.57	129	320617	50.727	ug/l	98
61) 1,2-Dibromoethane	9.67	107	311134	47.832	ug/l	99
64) Tetrachloroethene	9.33	164	292271	48.743	ug/l	99
65) Chlorobenzene	10.14	112	811772	48.627	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	298921	49.865	ug/l	100
67) Ethyl Benzene	10.25	91	1430526	49.867	ug/l	99
68) m/p-Xylenes	10.35	106	1087880	99.053	ug/l	100
69) o-Xylene	10.70	106	519849	48.532	ug/l	97
70) Styrene	10.71	104	916972	50.890	ug/l	99
71) Bromoform	10.85	173	243886	49.170	ug/l	98
73) Isopropylbenzene	11.01	105	1413179	47.606	ug/l	99
74) N-amyl acetate	10.89	43	622654	45.790	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	473915	46.036	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	382878m	40.226	ug/l	
77) Bromobenzene	11.25	156	367897	45.876	ug/l	99
78) n-propylbenzene	11.35	91	1639147	49.465	ug/l	100
79) 2-Chlorotoluene	11.42	91	949063	47.744	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1192400	49.011	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	155491	44.693	ug/l	100
82) 4-Chlorotoluene	11.51	91	1107098	48.086	ug/l	100
83) tert-Butylbenzene	11.76	119	1189432	48.105	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1201269	48.650	ug/l	100
85) sec-Butylbenzene	11.94	105	1404047	49.715	ug/l	100
86) p-Isopropyltoluene	12.06	119	1299029	49.442	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	669589	47.899	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	668213	46.929	ug/l	99
89) n-Butylbenzene	12.38	91	1187124	52.976	ug/l	99
90) Hexachloroethane	12.59	117	228267	48.066	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	652890	47.270	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	96454	43.026	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	478132	49.671	ug/l	98
94) Hexachlorobutadiene	13.77	225	218440	47.239	ug/l	99
95) Naphthalene	13.83	128	1402887	48.938	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	465133	48.803	ug/l	99

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

