

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX123019\
 Data File : VX014343.D
 Acq On : 30 Dec 2019 09:48
 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
 12/31/2019 9:32:26 AM

Quant Time: Dec 31 01:29:00 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	509534	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	770716	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	695898	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	351161	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	285928	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
35) Dibromofluoromethane	5.48	113	238475	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	
50) Toluene-d8	8.71	98	934518	51.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.46%	
62) 4-Bromofluorobenzene	11.13	95	337616	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	198463	43.537	ug/l	100
3) Chloromethane	1.32	50	280016	45.773	ug/l	99
4) Vinyl Chloride	1.40	62	296853	45.988	ug/l	98
5) Bromomethane	1.63	94	206717	45.120	ug/l	96
6) Chloroethane	1.72	64	191632	48.101	ug/l	95
7) Trichlorofluoromethane	1.92	101	390159	48.826	ug/l	99
8) Diethyl Ether	2.18	74	175231	46.725	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.37	101	240866	50.005	ug/l	99
10) Methyl Iodide	2.50	142	286136	45.305	ug/l	99
11) Tert butyl alcohol	3.03	59	287877	230.705	ug/l	99
12) 1,1-Dichloroethene	2.36	96	234965	47.939	ug/l	99
13) Acrolein	2.28	56	203100	284.339	ug/l	100
14) Allyl chloride	2.72	41	451349	51.575	ug/l	98
15) Acrylonitrile	3.13	53	748440	256.976	ug/l	100
16) Acetone	2.43	43	863479	230.315	ug/l	98
17) Carbon Disulfide	2.56	76	598254	44.057	ug/l	100
18) Methyl Acetate	2.76	43	385599	51.904	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	817715	50.770	ug/l	100
20) Methylene Chloride	2.84	84	273200	46.275	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	252239	46.713	ug/l	99
22) Diisopropyl ether	3.84	45	922850	52.918	ug/l	92
23) Vinyl Acetate	3.80	43	3913994	275.027	ug/l	99
24) 1,1-Dichloroethane	3.69	63	482985	49.780	ug/l	99
25) 2-Butanone	4.65	43	1189721	257.391	ug/l	99
26) 2,2-Dichloropropane	4.57	77	391373	51.954	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	295931	48.458	ug/l	98
28) Bromochloromethane	5.00	49	197025	52.776	ug/l	96
29) Tetrahydrofuran	5.11	42	668568	258.600	ug/l	98
30) Chloroform	5.20	83	466594	50.730	ug/l	99
31) Cyclohexane	5.57	56	432280	50.094	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	386462	49.300	ug/l	99
36) 1,1-Dichloropropene	5.79	75	349916	49.481	ug/l	99
37) Ethyl Acetate	4.81	43	407451	52.176	ug/l	99
38) Carbon Tetrachloride	5.77	117	328258	50.954	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	443527	50.794	ug/l	99
40) Benzene	6.13	78	1075943	49.448	ug/l	99
41) Methacrylonitrile	5.03	41	229213	52.900	ug/l	97
42) 1,2-Dichloroethane	6.18	62	368737	49.993	ug/l	99
43) Isopropyl Acetate	6.43	43	679511	52.578	ug/l	99
44) Trichloroethene	7.20	130	293598	48.852	ug/l	98
45) 1,2-Dichloropropane	7.50	63	290375	52.066	ug/l	95
46) Dibromomethane	7.65	93	180120	48.849	ug/l	97
47) Bromodichloromethane	7.89	83	367194	52.877	ug/l	97
48) Methyl methacrylate	7.76	41	331419	52.370	ug/l	98
49) 1,4-Dioxane	7.73	88	119073	924.582	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	2085134	256.903	ug/l	99
52) Toluene	8.78	92	677471	49.259	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	412519	54.175	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	461667	54.422	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	278405	50.508	ug/l	100
56) Ethyl methacrylate	9.17	69	456186	52.686	ug/l	100
57) 1,3-Dichloropropane	9.36	76	476206	51.348	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	917530	280.013	ug/l	99
59) 2-Hexanone	9.48	43	1707130	261.279	ug/l	99
60) Dibromochloromethane	9.57	129	292205	53.331	ug/l	98
61) 1,2-Dibromoethane	9.67	107	288922	51.229	ug/l	98
64) Tetrachloroethene	9.33	164	300731	48.837	ug/l	98
65) Chlorobenzene	10.13	112	728966	49.266	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	274407	51.940	ug/l	98
67) Ethyl Benzene	10.25	91	1298081	51.028	ug/l	100
68) m/p-Xylenes	10.35	106	987004	100.879	ug/l	99
69) o-Xylene	10.69	106	477051	49.715	ug/l	98
70) Styrene	10.71	104	821874	50.651	ug/l	99
71) Bromoform	10.85	173	227465	53.562	ug/l #	100
73) Isopropylbenzene	11.01	105	1283932	51.930	ug/l	100
74) N-amyl acetate	10.89	43	604699	52.177	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	425573	49.648	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	356680m	46.786	ug/l	
77) Bromobenzene	11.25	156	327625	48.162	ug/l	98
78) n-propylbenzene	11.35	91	1481362	53.416	ug/l	100
79) 2-Chlorotoluene	11.42	91	859469	50.983	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1078997	51.854	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	149493	55.347	ug/l	99
82) 4-Chlorotoluene	11.51	91	995287	50.897	ug/l	99
83) tert-Butylbenzene	11.76	119	1024396	50.588	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1075308	51.603	ug/l	100
85) sec-Butylbenzene	11.94	105	1272304	53.222	ug/l	100
86) p-Isopropyltoluene	12.06	119	1166623	53.351	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	580020	48.650	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	586233	48.359	ug/l	100
89) n-Butylbenzene	12.39	91	1028416	55.118	ug/l	99
90) Hexachloroethane	12.59	117	209462	53.329	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	589648	49.130	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	89602	47.237	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	404888	51.905	ug/l	98
94) Hexachlorobutadiene	13.78	225	192678	51.395	ug/l	98
95) Naphthalene	13.83	128	1197258	52.240	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	404330	52.508	ug/l	100

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

