

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052819\
 Data File : VX009926.D
 Acq On : 28 May 2019 19:40
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/29/2019 9:25:26 AM

Quant Time: May 29 05:14:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	162939	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	264998	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	242720	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	119246	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	114578	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	
35) Dibromofluoromethane	5.49	113	81875	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
50) Toluene-d8	8.71	98	343424	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	
62) 4-Bromofluorobenzene	11.13	95	125988	51.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	111390	55.944	ug/l	98
3) Chloromethane	1.32	50	136705	51.072	ug/l	100
4) Vinyl Chloride	1.41	62	125158	51.868	ug/l	98
5) Bromomethane	1.64	94	69962	47.854	ug/l	98
6) Chloroethane	1.71	64	73499	49.481	ug/l	100
7) Trichlorofluoromethane	1.92	101	136066	51.028	ug/l	99
8) Diethyl Ether	2.19	74	60021	47.900	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	79295	49.256	ug/l	99
10) Methyl Iodide	2.51	142	99367	49.861	ug/l	99
11) Tert butyl alcohol	3.06	59	144087	254.375	ug/l	100
12) 1,1-Dichloroethene	2.37	96	82359	49.911	ug/l	99
13) Acrolein	2.29	56	86767	218.964	ug/l	100
14) Allyl chloride	2.73	41	203341	50.700	ug/l	100
15) Acrylonitrile	3.14	53	344005	252.053	ug/l	100
16) Acetone	2.45	43	318547	239.537	ug/l	98
17) Carbon Disulfide	2.57	76	248186	49.674	ug/l	99
18) Methyl Acetate	2.78	43	156741	50.654	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	311767	50.044	ug/l	98
20) Methylene Chloride	2.85	84	98472	48.354	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	87745	47.790	ug/l	99
22) Diisopropyl ether	3.86	45	390010	51.108	ug/l #	86
23) Vinyl Acetate	3.82	43	1763888	257.302	ug/l	100
24) 1,1-Dichloroethane	3.70	63	184612	49.920	ug/l	99
25) 2-Butanone	4.68	43	523839	252.833	ug/l	100
26) 2,2-Dichloropropane	4.59	77	127278	45.497	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	101166	47.733	ug/l	99
28) Bromochloromethane	5.02	49	92527	48.214	ug/l	98
29) Tetrahydrofuran	5.13	42	344024	258.935	ug/l	99
30) Chloroform	5.21	83	166496	49.921	ug/l	100
31) Cyclohexane	5.58	56	182484	52.099	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	138598	51.027	ug/l	99
36) 1,1-Dichloropropene	5.80	75	129019	47.985	ug/l	99
37) Ethyl Acetate	4.84	43	194064	51.800	ug/l	99
38) Carbon Tetrachloride	5.79	117	116515	50.148	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	159019	49.860	ug/l	97
40) Benzene	6.15	78	397645	49.856	ug/l	100
41) Methacrylonitrile	5.04	41	109545	50.040	ug/l	99
42) 1,2-Dichloroethane	6.19	62	143823	48.776	ug/l	99
43) Isopropyl Acetate	6.45	43	303820	50.260	ug/l	100
44) Trichloroethene	7.21	130	93545	48.284	ug/l	95
45) 1,2-Dichloropropane	7.51	63	114045	49.671	ug/l	99
46) Dibromomethane	7.66	93	64024	47.373	ug/l	99
47) Bromodichloromethane	7.90	83	130032	50.596	ug/l	100
48) Methyl methacrylate	7.77	41	154930	51.773	ug/l	99
49) 1,4-Dioxane	7.74	88	56602	1016.876	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	1027623	261.327	ug/l	99
52) Toluene	8.79	92	242198	50.013	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	151547	49.168	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	165998	49.430	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	95394	48.942	ug/l	98
56) Ethyl methacrylate	9.18	69	182112	52.481	ug/l	99
57) 1,3-Dichloropropane	9.37	76	172962	49.412	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	465887	256.037	ug/l	99
59) 2-Hexanone	9.49	43	797281	263.346	ug/l	100
60) Dibromochloromethane	9.58	129	95951	50.044	ug/l	99
61) 1,2-Dibromoethane	9.67	107	99239	49.559	ug/l	100
64) Tetrachloroethene	9.34	164	83919	49.498	ug/l	97
65) Chlorobenzene	10.14	112	245595	48.332	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	89133	50.574	ug/l	99
67) Ethyl Benzene	10.25	91	465969	51.072	ug/l	99
68) m/p-Xylenes	10.36	106	343287	101.847	ug/l	100
69) o-Xylene	10.69	106	165666	51.249	ug/l	99
70) Styrene	10.71	104	293491	51.777	ug/l	100
71) Bromoform	10.85	173	75109	52.136	ug/l #	97
73) Isopropylbenzene	11.02	105	440894	50.112	ug/l	100
74) N-amyl acetate	10.90	43	279826	53.225	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	165046	50.282	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	143411m	50.292	ug/l	
77) Bromobenzene	11.26	156	108888	48.563	ug/l	99
78) n-propylbenzene	11.36	91	517961	51.074	ug/l	99
79) 2-Chlorotoluene	11.42	91	307905	49.693	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	379318	51.175	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	56026	48.611	ug/l	98
82) 4-Chlorotoluene	11.51	91	360047	49.917	ug/l	100
83) tert-Butylbenzene	11.77	119	359379	50.679	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	379814	50.457	ug/l	99
85) sec-Butylbenzene	11.94	105	426856	50.597	ug/l	99
86) p-Isopropyltoluene	12.06	119	393068	51.800	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	194643	48.760	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	194200	47.703	ug/l	99
89) n-Butylbenzene	12.38	91	364575	51.123	ug/l	99
90) Hexachloroethane	12.60	117	67531	51.858	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	194961	49.537	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	38073	49.278	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	136749	48.622	ug/l	100
94) Hexachlorobutadiene	13.78	225	69567	49.314	ug/l	98
95) Naphthalene	13.83	128	441943	50.494	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	137066	48.687	ug/l	100

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

