

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052819\
 Data File : VX009911.D
 Acq On : 28 May 2019 13:22
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX052819

Manual Integrations
 APPROVED

MMDadoda
 5/29/2019 9:25:08 AM

Quant Time: May 29 04:23:13 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	5.66	168	181725	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	280929	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	257721	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	130741	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	123589	48.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.28%	
35) Dibromofluoromethane	5.49	113	88265	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	
50) Toluene-d8	8.71	98	368084	51.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.64%	
62) 4-Bromofluorobenzene	11.13	95	136837	53.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	129697	58.405	ug/l	100
3) Chloromethane	1.32	50	156798	52.523	ug/l	100
4) Vinyl Chloride	1.41	62	140346	52.150	ug/l	99
5) Bromomethane	1.64	94	85964	52.721	ug/l	99
6) Chloroethane	1.71	64	81467	49.175	ug/l	100
7) Trichlorofluoromethane	1.92	101	158491	53.294	ug/l	97
8) Diethyl Ether	2.18	74	68959	49.344	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	94962	52.890	ug/l	100
10) Methyl Iodide	2.51	142	97134	44.277	ug/l	99
11) Tert butyl alcohol	3.05	59	153085	242.322	ug/l	100
12) 1,1-Dichloroethene	2.37	96	93674	50.899	ug/l	95
13) Acrolein	2.29	56	105273	236.348	ug/l	100
14) Allyl chloride	2.73	41	230236	51.472	ug/l	99
15) Acrylonitrile	3.14	53	369270	242.595	ug/l	100
16) Acetone	2.44	43	375019	252.850	ug/l	98
17) Carbon Disulfide	2.57	76	289724	51.975	ug/l	99
18) Methyl Acetate	2.77	43	162664	47.134	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	349456	50.295	ug/l	99
20) Methylene Chloride	2.85	84	110359	48.589	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	101764	49.696	ug/l	98
22) Diisopropyl ether	3.85	45	432455	50.812	ug/l	87
23) Vinyl Acetate	3.81	43	1964033	256.880	ug/l	100
24) 1,1-Dichloroethane	3.70	63	207653	50.346	ug/l	99
25) 2-Butanone	4.67	43	576207	249.359	ug/l	100
26) 2,2-Dichloropropane	4.58	77	162973	52.235	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	116383	49.236	ug/l	97
28) Bromochloromethane	5.01	49	96662	45.162	ug/l	100
29) Tetrahydrofuran	5.12	42	366385	247.257	ug/l	100
30) Chloroform	5.21	83	187099	50.299	ug/l	98
31) Cyclohexane	5.57	56	212298	54.345	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	158831	52.431	ug/l	99
36) 1,1-Dichloropropene	5.79	75	150793	52.903	ug/l	99
37) Ethyl Acetate	4.83	43	210814	53.080	ug/l	99
38) Carbon Tetrachloride	5.78	117	134752	54.708	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	192682	56.989	ug/l	99
40) Benzene	6.14	78	452227	53.484	ug/l	100
41) Methacrylonitrile	5.04	41	119624	51.546	ug/l	99
42) 1,2-Dichloroethane	6.19	62	163101	52.177	ug/l	100
43) Isopropyl Acetate	6.44	43	334318	52.169	ug/l	99
44) Trichloroethene	7.21	130	107806	52.490	ug/l	98
45) 1,2-Dichloropropane	7.51	63	127221	52.268	ug/l	97
46) Dibromomethane	7.66	93	72597	50.670	ug/l	100
47) Bromodichloromethane	7.90	83	147766	54.236	ug/l	99
48) Methyl methacrylate	7.77	41	168661	53.166	ug/l	100
49) 1,4-Dioxane	7.73	88	60602	1026.997	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	1096889	263.124	ug/l	100
52) Toluene	8.78	92	275156	53.597	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	176761	54.097	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	193301	54.296	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	107652	52.099	ug/l	97
56) Ethyl methacrylate	9.18	69	203614	55.350	ug/l	100
57) 1,3-Dichloropropane	9.37	76	193112	52.040	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	582638	302.042	ug/l	99
59) 2-Hexanone	9.49	43	864148	269.246	ug/l	100
60) Dibromochloromethane	9.58	129	109201	53.725	ug/l	99
61) 1,2-Dibromoethane	9.67	107	111421	52.487	ug/l	100
64) Tetrachloroethene	9.34	164	96613	53.669	ug/l	96
65) Chlorobenzene	10.13	112	283341	52.515	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	101807	54.403	ug/l	100
67) Ethyl Benzene	10.25	91	530597	54.771	ug/l	99
68) m/p-Xylenes	10.35	106	394573	110.249	ug/l	99
69) o-Xylene	10.69	106	188321	54.867	ug/l	100
70) Styrene	10.71	104	333797	55.460	ug/l	100
71) Bromoform	10.85	173	85970	56.202	ug/l	98
73) Isopropylbenzene	11.02	105	510018	52.871	ug/l	100
74) N-amyl acetate	10.90	43	305011	52.915	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	179178	49.788	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	162554m	51.994	ug/l	
77) Bromobenzene	11.25	156	125033	50.861	ug/l	98
78) n-propylbenzene	11.36	91	607459	54.633	ug/l	100
79) 2-Chlorotoluene	11.42	91	352090	51.828	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	436422	53.702	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	65710	52.001	ug/l	98
82) 4-Chlorotoluene	11.51	91	414500	52.414	ug/l	100
83) tert-Butylbenzene	11.77	119	416157	53.526	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	437470	53.007	ug/l	100
85) sec-Butylbenzene	11.94	105	501911	54.263	ug/l	100
86) p-Isopropyltoluene	12.06	119	464885	55.878	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	226354	51.718	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	226224	50.683	ug/l	99
89) n-Butylbenzene	12.38	91	441158	56.423	ug/l	100
90) Hexachloroethane	12.59	117	79129	55.422	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	220004	50.985	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	41326	48.785	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	162067	52.557	ug/l	99
94) Hexachlorobutadiene	13.78	225	84904	54.894	ug/l	99
95) Naphthalene	13.83	128	497892	51.885	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	158825	51.455	ug/l	99

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

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