

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081619\
 Data File : VX011596.D
 Acq On : 16 Aug 2019 21:53
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/19/2019 10:29:23 AM

Quant Time: Aug 19 03:47:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	386080	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	530490	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	480835	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	265237	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	162666	45.43	ug/l	0.00
Spiked Amount						
			Recovery	=	90.86%	
35) Dibromofluoromethane	5.49	113	155640	44.86	ug/l	0.00
Spiked Amount						
			Recovery	=	89.72%	
50) Toluene-d8	8.71	98	497113	45.98	ug/l	0.00
Spiked Amount						
			Recovery	=	91.96%	
62) 4-Bromofluorobenzene	11.13	95	211225	46.29	ug/l	0.00
Spiked Amount						
			Recovery	=	92.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	200108	52.730	ug/l	99
3) Chloromethane	1.32	50	170686	43.304	ug/l	100
4) Vinyl Chloride	1.40	62	173168	48.635	ug/l	100
5) Bromomethane	1.63	94	79399	49.768	ug/l	99
6) Chloroethane	1.71	64	84823	50.335	ug/l	100
7) Trichlorofluoromethane	1.92	101	244964	49.671	ug/l	97
8) Diethyl Ether	2.18	74	82154	48.562	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	160120	47.006	ug/l	98
10) Methyl Iodide	2.50	142	230002	47.398	ug/l	99
11) Tert butyl alcohol	3.04	59	216736	246.748	ug/l	99
12) 1,1-Dichloroethene	2.37	96	154514	46.937	ug/l	97
13) Acrolein	2.29	56	60835	226.302	ug/l	96
14) Allyl chloride	2.72	41	271038	49.495	ug/l	99
15) Acrylonitrile	3.14	53	498496	247.967	ug/l	100
16) Acetone	2.43	43	421660	234.219	ug/l	99
17) Carbon Disulfide	2.56	76	371560	47.900	ug/l	99
18) Methyl Acetate	2.76	43	283676	50.808	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	548432	51.153	ug/l	100
20) Methylene Chloride	2.85	84	176514	46.698	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	169437	48.570	ug/l	99
22) Diisopropyl ether	3.85	45	545521	50.022	ug/l	98
23) Vinyl Acetate	3.81	43	2195547	254.235	ug/l	100
24) 1,1-Dichloroethane	3.69	63	300437	48.725	ug/l	100
25) 2-Butanone	4.67	43	697880	246.924	ug/l	98
26) 2,2-Dichloropropane	4.57	77	209521	45.148	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	199003	48.934	ug/l	99
28) Bromochloromethane	5.01	49	131987	48.762	ug/l	99
29) Tetrahydrofuran	5.12	42	456598	246.282	ug/l	99
30) Chloroform	5.20	83	313966	48.249	ug/l	100
31) Cyclohexane	5.57	56	266155	50.135	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	283200	50.614	ug/l	100
36) 1,1-Dichloropropene	5.79	75	225804	49.785	ug/l	100
37) Ethyl Acetate	4.82	43	260975	50.026	ug/l	100
38) Carbon Tetrachloride	5.78	117	249718	49.973	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	276576	49.378	ug/l	98
40) Benzene	6.13	78	685642	48.645	ug/l	98
41) Methacrylonitrile	5.03	41	146165	50.908	ug/l	100
42) 1,2-Dichloroethane	6.18	62	245599	50.293	ug/l	100
43) Isopropyl Acetate	6.44	43	410650	50.439	ug/l	100
44) Trichloroethene	7.21	130	205836	49.228	ug/l	97
45) 1,2-Dichloropropane	7.51	63	176243	50.138	ug/l	97
46) Dibromomethane	7.66	93	122067	47.787	ug/l	99
47) Bromodichloromethane	7.90	83	231874	49.438	ug/l	97
48) Methyl methacrylate	7.77	41	209160	51.878	ug/l	100
49) 1,4-Dioxane	7.74	88	103940	969.265	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1344673	252.334	ug/l	99
52) Toluene	8.78	92	442884	49.321	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	253402	52.058	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	278317	52.246	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	186840	48.929	ug/l	97
56) Ethyl methacrylate	9.18	69	290869	52.408	ug/l	100
57) 1,3-Dichloropropane	9.37	76	298600	49.193	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	708406	256.167	ug/l	99
59) 2-Hexanone	9.49	43	1046803	254.732	ug/l	100
60) Dibromochloromethane	9.58	129	208005	52.281	ug/l	98
61) 1,2-Dibromoethane	9.67	107	202351	49.652	ug/l	100
64) Tetrachloroethene	9.34	164	198422	50.295	ug/l	98
65) Chlorobenzene	10.13	112	504411	49.183	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	196241	51.194	ug/l	99
67) Ethyl Benzene	10.25	91	864424	50.504	ug/l	99
68) m/p-Xylenes	10.35	106	668781	101.793	ug/l	98
69) o-Xylene	10.69	106	326096	50.671	ug/l	99
70) Styrene	10.71	104	560214	51.710	ug/l	100
71) Bromoform	10.85	173	172987	46.673	ug/l #	98
73) Isopropylbenzene	11.02	105	876225	50.911	ug/l	100
74) N-amyl acetate	10.90	43	362642	49.582	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	288452	48.720	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	250434m	49.793	ug/l	
77) Bromobenzene	11.25	156	257358	50.260	ug/l	99
78) n-propylbenzene	11.36	91	955267	51.473	ug/l	100
79) 2-Chlorotoluene	11.42	91	573925	50.363	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	739466	51.147	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	84897	46.110	ug/l	99
82) 4-Chlorotoluene	11.51	91	669121	50.611	ug/l	100
83) tert-Butylbenzene	11.77	119	753680	51.184	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	755245	52.034	ug/l	100
85) sec-Butylbenzene	11.94	105	848923	51.099	ug/l	100
86) p-Isopropyltoluene	12.06	119	809936	51.822	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	435297	49.457	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	434816	48.743	ug/l	99
89) n-Butylbenzene	12.38	91	655843	51.041	ug/l	100
90) Hexachloroethane	12.59	117	126008	51.055	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	436029	49.351	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	66371	49.000	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	333887	50.719	ug/l	99
94) Hexachlorobutadiene	13.78	225	173676	48.450	ug/l	98
95) Naphthalene	13.83	128	978889	52.599	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	340787	51.325	ug/l	99

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

