

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032019\
 Data File : VX008258.D
 Acq On : 20 Mar 2019 22:17
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 3/22/2019 2:50:45 PM

Quant Time: Mar 22 07:39:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 13:15:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	277426	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	458938	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	412191	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	192149	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	202130	48.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.76%	
35) Dibromofluoromethane	5.50	113	152696	49.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.40%	
50) Toluene-d8	8.71	98	592895	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	
62) 4-Bromofluorobenzene	11.13	95	209187	52.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	173874	51.694	ug/l	97
3) Chloromethane	1.33	50	201520	47.748	ug/l	98
4) Vinyl Chloride	1.41	62	205161	48.755	ug/l	99
5) Bromomethane	1.64	94	172859	48.224	ug/l	100
6) Chloroethane	1.72	64	130926	49.623	ug/l	99
7) Trichlorofluoromethane	1.93	101	255988	47.668	ug/l	97
8) Diethyl Ether	2.19	74	147543	53.400	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	178530	50.071	ug/l	90
10) Methyl Iodide	2.51	142	250610	55.201	ug/l	97
11) Tert butyl alcohol	3.05	59	237569	265.599	ug/l	100
12) 1,1-Dichloroethene	2.37	96	175621	52.172	ug/l	91
13) Acrolein	2.30	56	102673	159.228	ug/l	99
14) Allyl chloride	2.73	41	380451	51.920	ug/l	93
15) Acrylonitrile	3.14	53	631899	267.089	ug/l	99
16) Acetone	2.45	43	554154	233.843	ug/l	97
17) Carbon Disulfide	2.57	76	533761	48.597	ug/l	99
18) Methyl Acetate	2.78	43	312674	56.992	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	653546	53.697	ug/l	99
20) Methylene Chloride	2.86	84	203859	51.589	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	187195	51.477	ug/l	92
22) Diisopropyl ether	3.86	45	767771	53.498	ug/l	91
23) Vinyl Acetate	3.82	43	3344125	271.789	ug/l	98
24) 1,1-Dichloroethane	3.70	63	390151	52.857	ug/l	98
25) 2-Butanone	4.68	43	917030	262.150	ug/l	98
26) 2,2-Dichloropropane	4.59	77	252317	45.377	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	216275	52.171	ug/l	93
28) Bromochloromethane	5.02	49	154795	46.703	ug/l	83
29) Tetrahydrofuran	5.13	42	609795	278.856	ug/l	96
30) Chloroform	5.21	83	364496	52.791	ug/l	99
31) Cyclohexane	5.59	56	360291	51.981	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	305187	53.136	ug/l	97
36) 1,1-Dichloropropene	5.81	75	277825	51.995	ug/l	97
37) Ethyl Acetate	4.84	43	350838	55.545	ug/l	98
38) Carbon Tetrachloride	5.79	117	255999	53.772	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	327518	50.936	ug/l	94
40) Benzene	6.15	78	846181	53.505	ug/l	99
41) Methacrylonitrile	5.04	41	197359	55.704	ug/l	96
42) 1,2-Dichloroethane	6.20	62	307282	53.039	ug/l	95
43) Isopropyl Acetate	6.45	43	560731	55.385	ug/l	97
44) Trichloroethene	7.21	130	201802	52.187	ug/l	90
45) 1,2-Dichloropropane	7.51	63	234797	53.035	ug/l	99
46) Dibromomethane	7.66	93	141702	52.864	ug/l	88
47) Bromodichloromethane	7.90	83	277429	54.307	ug/l	98
48) Methyl methacrylate	7.77	41	296983	55.168	ug/l	93
49) 1,4-Dioxane	7.74	88	103366	1088.110	ug/l	93
51) 4-Methyl-2-Pentanone	8.64	43	1821862	278.348	ug/l	98
52) Toluene	8.79	92	506513	53.986	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	311948	48.796	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	340276	53.672	ug/l #	91
55) 1,1,2-Trichloroethane	9.21	97	208566	55.019	ug/l	98
56) Ethyl methacrylate	9.18	69	346021	52.018	ug/l #	92
57) 1,3-Dichloropropane	9.37	76	370065	55.185	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	792811	255.259	ug/l	94
59) 2-Hexanone	9.49	43	1365229	270.929	ug/l	96
60) Dibromochloromethane	9.58	129	207958	57.082	ug/l	100
61) 1,2-Dibromoethane	9.67	107	216506	54.698	ug/l	99
64) Tetrachloroethene	9.34	164	200180	53.830	ug/l	95
65) Chlorobenzene	10.14	112	528494	52.108	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	191734	54.220	ug/l	99
67) Ethyl Benzene	10.25	91	951955	53.263	ug/l	97
68) m/p-Xylenes	10.36	106	709474	108.062	ug/l	94
69) o-Xylene	10.70	106	342736	53.723	ug/l	94
70) Styrene	10.71	104	572313	55.200	ug/l	96
71) Bromoform	10.85	173	152316	49.991	ug/l #	99
73) Isopropylbenzene	11.02	105	913415	53.331	ug/l	99
74) N-amyl acetate	10.90	43	478143	53.284	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	317093	51.631	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	279160m	51.654	ug/l	
77) Bromobenzene	11.26	156	219240	52.943	ug/l	86
78) n-propylbenzene	11.36	91	1067358	53.656	ug/l	96
79) 2-Chlorotoluene	11.42	91	629051	52.686	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	752685	53.194	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	99362	46.960	ug/l	93
82) 4-Chlorotoluene	11.51	91	732151	52.696	ug/l	95
83) tert-Butylbenzene	11.77	119	717995	53.148	ug/l	93
84) 1,2,4-Trimethylbenzene	11.80	105	770811	53.734	ug/l	98
85) sec-Butylbenzene	11.94	105	901447	53.883	ug/l	97
86) p-Isopropyltoluene	12.06	119	776420	53.616	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	386120	52.174	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	387660	50.641	ug/l	98
89) n-Butylbenzene	12.38	91	709917	52.232	ug/l	97
90) Hexachloroethane	12.60	117	133900	54.292	ug/l	85
91) 1,2-Dichlorobenzene	12.39	146	391771	52.502	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	71342	52.301	ug/l	80

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	255248	51.931	ug/l	99
94) Hexachlorobutadiene	13.78	225	126377	52.720	ug/l	100
95) Naphthalene	13.83	128	849091	54.734	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	257150	53.170	ug/l	99

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

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