

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031919\
 Data File : VX008206.D
 Acq On : 19 Mar 2019 22:13
 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
 3/20/2019 10:27:28 AM

Quant Time: Mar 20 08:20:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 20 06:51:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	294760	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	494176	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	438228	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	202613	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	202549	45.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.26%	
35) Dibromofluoromethane	5.50	113	153116	46.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.56%	
50) Toluene-d8	8.71	98	590027	47.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.08%	
62) 4-Bromofluorobenzene	11.13	95	209861	48.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	181065	50.666	ug/l	100
3) Chloromethane	1.33	50	208841	46.573	ug/l	98
4) Vinyl Chloride	1.41	62	217748	48.703	ug/l	99
5) Bromomethane	1.64	94	186748	49.035	ug/l	98
6) Chloroethane	1.72	64	135103	48.195	ug/l	99
7) Trichlorofluoromethane	1.93	101	270371	47.385	ug/l	98
8) Diethyl Ether	2.19	74	154253	52.545	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	187464	49.485	ug/l	90
10) Methyl Iodide	2.51	142	257579	53.400	ug/l	96
11) Tert butyl alcohol	3.05	59	241371	253.981	ug/l	99
12) 1,1-Dichloroethene	2.37	96	184479	51.581	ug/l	91
13) Acrolein	2.29	56	140838	208.745	ug/l	97
14) Allyl chloride	2.73	41	402553	51.705	ug/l	94
15) Acrylonitrile	3.14	53	652025	259.389	ug/l	98
16) Acetone	2.45	43	573937	227.948	ug/l	97
17) Carbon Disulfide	2.57	76	565204	48.436	ug/l	99
18) Methyl Acetate	2.78	43	315378	54.105	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	681641	52.712	ug/l	99
20) Methylene Chloride	2.86	84	211344	50.338	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	196283	50.802	ug/l	92
22) Diisopropyl ether	3.86	45	806241	52.875	ug/l	91
23) Vinyl Acetate	3.82	43	3524834	269.629	ug/l	97
24) 1,1-Dichloroethane	3.70	63	407341	51.941	ug/l	98
25) 2-Butanone	4.68	43	950672	255.786	ug/l	97
26) 2,2-Dichloropropane	4.59	77	275733	46.672	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	226779	51.487	ug/l	92
28) Bromochloromethane	5.02	49	174045	49.423	ug/l	83
29) Tetrahydrofuran	5.13	42	629604	270.983	ug/l	97
30) Chloroform	5.21	83	381758	52.040	ug/l	99
31) Cyclohexane	5.58	56	385130	52.297	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	319667	52.384	ug/l	96
36) 1,1-Dichloropropene	5.80	75	295177	51.304	ug/l	96
37) Ethyl Acetate	4.84	43	364262	53.558	ug/l	98
38) Carbon Tetrachloride	5.79	117	266362	51.959	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	351165	50.719	ug/l	92
40) Benzene	6.15	78	891142	52.330	ug/l	99
41) Methacrylonitrile	5.05	41	205346	53.826	ug/l	96
42) 1,2-Dichloroethane	6.20	62	322216	51.651	ug/l	96
43) Isopropyl Acetate	6.45	43	583662	53.539	ug/l	97
44) Trichloroethene	7.21	130	214063	51.410	ug/l	89
45) 1,2-Dichloropropane	7.51	63	247564	51.931	ug/l	99
46) Dibromomethane	7.66	93	146665	50.814	ug/l	87
47) Bromodichloromethane	7.90	83	293926	53.434	ug/l #	99
48) Methyl methacrylate	7.77	41	309219	53.345	ug/l	93
49) 1,4-Dioxane	7.74	88	103424	1011.088	ug/l	93
51) 4-Methyl-2-Pentanone	8.64	43	1905460	270.362	ug/l	97
52) Toluene	8.79	92	532951	52.753	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	331234	48.138	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	359218	52.619	ug/l #	91
55) 1,1,2-Trichloroethane	9.21	97	218460	53.520	ug/l	96
56) Ethyl methacrylate	9.18	69	362500	50.623	ug/l #	91
57) 1,3-Dichloropropane	9.37	76	385637	53.406	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	827439	247.411	ug/l	94
59) 2-Hexanone	9.49	43	1419536	261.619	ug/l	96
60) Dibromochloromethane	9.59	129	217288	55.390	ug/l	99
61) 1,2-Dibromoethane	9.67	107	225527	52.914	ug/l	100
64) Tetrachloroethene	9.34	164	207635	52.517	ug/l	95
65) Chlorobenzene	10.14	112	559920	51.926	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	202348	53.822	ug/l	99
67) Ethyl Benzene	10.25	91	1010618	53.185	ug/l	98
68) m/p-Xylenes	10.36	106	742159	106.324	ug/l	94
69) o-Xylene	10.70	106	360535	53.156	ug/l	94
70) Styrene	10.71	104	596323	54.099	ug/l	95
71) Bromoform	10.85	173	156931	48.514	ug/l #	99
73) Isopropylbenzene	11.02	105	963580	53.354	ug/l	98
74) N-amyl acetate	10.90	43	504395	53.307	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	330541	51.041	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	287807m	50.504	ug/l	
77) Bromobenzene	11.26	156	230528	52.794	ug/l	86
78) n-propylbenzene	11.36	91	1122331	53.506	ug/l	96
79) 2-Chlorotoluene	11.42	91	663332	52.688	ug/l	95
80) 1,3,5-Trimethylbenzene	11.51	105	796499	53.383	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	105711	47.367	ug/l	93
82) 4-Chlorotoluene	11.51	91	768886	52.482	ug/l	95
83) tert-Butylbenzene	11.77	119	747583	52.480	ug/l	92
84) 1,2,4-Trimethylbenzene	11.80	105	806413	53.313	ug/l	98
85) sec-Butylbenzene	11.94	105	942923	53.451	ug/l	97
86) p-Isopropyltoluene	12.06	119	811388	53.137	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	404791	51.872	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	405114	50.188	ug/l	97
89) n-Butylbenzene	12.38	91	750582	52.372	ug/l	96
90) Hexachloroethane	12.60	117	140755	54.124	ug/l	83
91) 1,2-Dichlorobenzene	12.39	146	404284	51.381	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	72822	50.628	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	265144	51.158	ug/l	99
94) Hexachlorobutadiene	13.78	225	128225	50.728	ug/l	98
95) Naphthalene	13.83	128	877329	53.633	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	263505	51.670	ug/l	98

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

