

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX010219\
 Data File : VX006871.D
 Acq On : 02 Jan 2019 10:15
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 1/3/2019 9:43:04 AM

Quant Time: Jan 03 00:19:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	587200	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	833027	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	768559	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	403743	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	299207	47.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.56%	
35) Dibromofluoromethane	5.50	113	277087	52.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.20%	
50) Toluene-d8	8.71	98	1018390	51.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.56%	
62) 4-Bromofluorobenzene	11.13	95	371606	51.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	236038	43.940	ug/l	99
3) Chloromethane	1.33	50	257975	44.576	ug/l	100
4) Vinyl Chloride	1.41	62	278827	46.130	ug/l	98
5) Bromomethane	1.64	94	253333	44.710	ug/l	98
6) Chloroethane	1.71	64	180180	43.052	ug/l	100
7) Trichlorofluoromethane	1.93	101	457515	48.550	ug/l	99
8) Diethyl Ether	2.19	74	181323	48.444	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	278272	50.292	ug/l	100
10) Methyl Iodide	2.51	142	415972	52.519	ug/l	100
11) Tert butyl alcohol	3.07	59	314875	222.941	ug/l	98
12) 1,1-Dichloroethene	2.37	96	250271	47.703	ug/l	99
13) Acrolein	2.29	56	264845	277.967	ug/l	98
14) Allyl chloride	2.73	41	447746	50.701	ug/l	100
15) Acrylonitrile	3.15	53	786247	250.725	ug/l	100
16) Acetone	2.45	43	737332	253.592	ug/l	100
17) Carbon Disulfide	2.57	76	591011	42.567	ug/l	99
18) Methyl Acetate	2.78	43	464894	54.376	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	930241	53.422	ug/l	100
20) Methylene Chloride	2.86	84	292750	48.692	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	267105	45.949	ug/l	99
22) Diisopropyl ether	3.87	45	871305	53.931	ug/l	97
23) Vinyl Acetate	3.82	43	3664688	277.313	ug/l	99
24) 1,1-Dichloroethane	3.70	63	497397	51.574	ug/l	98
25) 2-Butanone	4.70	43	1008716	246.640	ug/l	99
26) 2,2-Dichloropropane	4.59	77	412879	55.421	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	317048	49.433	ug/l	98
28) Bromochloromethane	5.01	49	213733	52.672	ug/l	97
29) Tetrahydrofuran	5.15	42	647061	240.213	ug/l	98
30) Chloroform	5.21	83	502806	50.345	ug/l	99
31) Cyclohexane	5.57	56	400666	45.730	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	442549	52.478	ug/l	99
36) 1,1-Dichloropropene	5.80	75	360036	52.184	ug/l	99
37) Ethyl Acetate	4.85	43	385678	53.708	ug/l	98
38) Carbon Tetrachloride	5.78	117	387458	57.785	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	425101	46.801	ug/l	95
40) Benzene	6.14	78	1098240	52.367	ug/l	99
41) Methacrylonitrile	5.06	41	222283	58.303	ug/l	98
42) 1,2-Dichloroethane	6.20	62	378097	52.908	ug/l	100
43) Isopropyl Acetate	6.46	43	650129	59.502	ug/l	98
44) Trichloroethene	7.21	130	326449	51.429	ug/l	96
45) 1,2-Dichloropropane	7.51	63	283932	55.635	ug/l	99
46) Dibromomethane	7.66	93	202127	53.845	ug/l	97
47) Bromodichloromethane	7.90	83	374184	60.040	ug/l	96
48) Methyl methacrylate	7.77	41	325121	58.514	ug/l	96
49) 1,4-Dioxane	7.75	88	129275	886.989	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	1962059	282.228	ug/l	99
52) Toluene	8.78	92	719622	53.114	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	431840	64.607	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	458521	62.519	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	307817	55.505	ug/l	98
56) Ethyl methacrylate	9.18	69	451369	57.586	ug/l	94
57) 1,3-Dichloropropane	9.37	76	489286	54.838	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	1154867	277.179	ug/l	99
59) 2-Hexanone	9.49	43	1512545	284.360	ug/l	98
60) Dibromochloromethane	9.58	129	340797	58.349	ug/l	98
61) 1,2-Dibromoethane	9.67	107	330057	55.987	ug/l	99
64) Tetrachloroethene	9.34	164	324372	53.300	ug/l	97
65) Chlorobenzene	10.13	112	855180	52.596	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	316627	62.415	ug/l	100
67) Ethyl Benzene	10.25	91	1425382	53.648	ug/l	99
68) m/p-Xylenes	10.36	106	1130608	107.840	ug/l	100
69) o-Xylene	10.69	106	554689	53.578	ug/l	99
70) Styrene	10.71	104	900809	54.998	ug/l	99
71) Bromoform	10.85	173	256350	55.485	ug/l	100
73) Isopropylbenzene	11.02	105	1463690	52.992	ug/l	99
74) N-amyl acetate	10.90	43	587502	59.424	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	448315	54.576	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	427800m	57.015	ug/l	
77) Bromobenzene	11.26	156	402485	53.899	ug/l	97
78) n-propylbenzene	11.36	91	1654696	54.402	ug/l	99
79) 2-Chlorotoluene	11.42	91	953574	51.733	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1201271	52.802	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	138489	55.648	ug/l	95
82) 4-Chlorotoluene	11.51	91	1133738	53.622	ug/l	100
83) tert-Butylbenzene	11.77	119	1196059	52.529	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1233524	51.548	ug/l	100
85) sec-Butylbenzene	11.94	105	1434394	51.381	ug/l	100
86) p-Isopropyltoluene	12.06	119	1297013	52.853	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	721164	53.586	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	726600	52.666	ug/l	99
89) n-Butylbenzene	12.39	91	1102552	52.792	ug/l	99
90) Hexachloroethane	12.60	117	209963	54.362	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	715491	53.146	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	93368	54.932	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	497110	53.530	ug/l	99
94) Hexachlorobutadiene	13.78	225	209017	47.752	ug/l	98
95) Naphthalene	13.83	128	1444573	48.738	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	484411	50.521	ug/l	98

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

