

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032519\
 Data File : VX008408.D
 Acq On : 25 Mar 2019 13:07
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 26 04:48:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 04:13:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	212495	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	353868	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	319166	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	159191	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	151499	47.12	ug/l	0.00
Spiked Amount			Recovery	=	94.24%	
35) Dibromofluoromethane	5.49	113	114316	49.96	ug/l	0.00
Spiked Amount			Recovery	=	99.92%	
50) Toluene-d8	8.71	98	451760	49.66	ug/l	0.00
Spiked Amount			Recovery	=	99.32%	
62) 4-Bromofluorobenzene	11.13	95	173182	51.51	ug/l	0.00
Spiked Amount			Recovery	=	103.02%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	112712	47.090	ug/l	99
3) Chloromethane	1.32	50	147929	41.916	ug/l	100
4) Vinyl Chloride	1.40	62	155747	44.996	ug/l	100
5) Bromomethane	1.64	94	84153	39.646	ug/l	99
6) Chloroethane	1.71	64	95300	46.450	ug/l	98
7) Trichlorofluoromethane	1.92	101	180785	46.057	ug/l	99
8) Diethyl Ether	2.18	74	82988	44.052	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	110646	47.444	ug/l	100
10) Methyl Iodide	2.51	142	98914	35.159	ug/l	100
11) Tert butyl alcohol	3.05	59	153761	213.189	ug/l	100
12) 1,1-Dichloroethene	2.37	96	108949	45.095	ug/l	99
13) Acrolein	2.29	56	213523	363.512	ug/l	99
14) Allyl chloride	2.72	41	241236	45.291	ug/l	100
15) Acrylonitrile	3.14	53	395170	215.256	ug/l	100
16) Acetone	2.44	43	367473	226.999	ug/l	100
17) Carbon Disulfide	2.56	76	335732	43.583	ug/l	99
18) Methyl Acetate	2.77	43	169421	42.110	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	402978	46.368	ug/l	98
20) Methylene Chloride	2.85	84	129577	44.444	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	118061	45.290	ug/l	97
22) Diisopropyl ether	3.85	45	479658	46.172	ug/l	95
23) Vinyl Acetate	3.81	43	2137070	233.255	ug/l	99
24) 1,1-Dichloroethane	3.70	63	241272	45.595	ug/l	99
25) 2-Butanone	4.67	43	582571	219.639	ug/l	99
26) 2,2-Dichloropropane	4.58	77	166206	48.418	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	136161	45.578	ug/l	99
28) Bromochloromethane	5.01	49	125336	48.141	ug/l	100
29) Tetrahydrofuran	5.12	42	373480	213.093	ug/l	100
30) Chloroform	5.21	83	220232	46.131	ug/l	99
31) Cyclohexane	5.58	56	237447	46.880	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	180818	47.769	ug/l	100
36) 1,1-Dichloropropene	5.80	75	174263	48.268	ug/l	99
37) Ethyl Acetate	4.83	43	220745	45.367	ug/l	100
38) Carbon Tetrachloride	5.78	117	150659	48.559	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	223552	50.478	ug/l	99
40) Benzene	6.14	78	521801	47.401	ug/l	99
41) Methacrylonitrile	5.04	41	123845	46.594	ug/l	100
42) 1,2-Dichloroethane	6.19	62	186589	46.698	ug/l	99
43) Isopropyl Acetate	6.44	43	356459	46.918	ug/l	100
44) Trichloroethene	7.21	130	120550	47.118	ug/l	99
45) 1,2-Dichloropropane	7.51	63	148627	47.688	ug/l	100
46) Dibromomethane	7.66	93	84566	45.813	ug/l	100
47) Bromodichloromethane	7.90	83	172590	48.934	ug/l	99
48) Methyl methacrylate	7.77	41	180737	46.987	ug/l	99
49) 1,4-Dioxane	7.74	88	65961	849.452	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1173317	234.422	ug/l	100
52) Toluene	8.78	92	314928	48.670	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	197226	51.903	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	216856	50.511	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	127748	47.535	ug/l	99
56) Ethyl methacrylate	9.18	69	236539	49.646	ug/l	99
57) 1,3-Dichloropropane	9.37	76	225996	47.294	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	656209	257.803	ug/l	100
59) 2-Hexanone	9.49	43	926556	239.933	ug/l	100
60) Dibromochloromethane	9.58	129	127210	50.940	ug/l	99
61) 1,2-Dibromoethane	9.67	107	130788	48.008	ug/l	98
64) Tetrachloroethene	9.34	164	100640	48.184	ug/l	97
65) Chlorobenzene	10.13	112	325101	48.439	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	114227	49.047	ug/l	100
67) Ethyl Benzene	10.25	91	620816	49.300	ug/l	100
68) m/p-Xylenes	10.36	106	450298	99.530	ug/l	100
69) o-Xylene	10.69	106	216937	49.033	ug/l	99
70) Styrene	10.71	104	388854	50.664	ug/l	99
71) Bromoform	10.85	173	92298	51.121	ug/l	99
73) Isopropylbenzene	11.02	105	586133	46.646	ug/l	100
74) N-amyl acetate	10.90	43	348514	47.374	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	221163	44.293	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	251767	60.391	ug/l	82
77) Bromobenzene	11.26	156	138196	46.315	ug/l	99
78) n-propylbenzene	11.36	91	708056	48.112	ug/l	100
79) 2-Chlorotoluene	11.42	91	414623	46.114	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	508078	47.516	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	71816	49.226	ug/l	98
82) 4-Chlorotoluene	11.51	91	486758	47.067	ug/l	99
83) tert-Butylbenzene	11.77	119	479403	47.203	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	508623	47.605	ug/l	100
85) sec-Butylbenzene	11.94	105	588776	48.197	ug/l	100
86) p-Isopropyltoluene	12.06	119	529674	49.194	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	257019	48.003	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	260183	47.692	ug/l	99
89) n-Butylbenzene	12.38	91	517688	50.410	ug/l	100
90) Hexachloroethane	12.60	117	86890	48.755	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	255052	46.921	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	46322	43.601	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	175804	47.850	ug/l	98
94) Hexachlorobutadiene	13.78	225	88042	50.757	ug/l	99
95) Naphthalene	13.83	128	587976	45.941	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	176669	47.873	ug/l	100

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

