

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102218\
 Data File : VX005466.D
 Acq On : 22 Oct 2018 13:03
 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
 10/23/2018 1:27:50 PM

Quant Time: Oct 23 01:35:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	257276	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.87	114	366417	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	323970	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	167712	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	148710	52.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.16%	
35) Dibromofluoromethane	5.51	113	124955	51.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.98%	
50) Toluene-d8	8.71	98	368453	44.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.44%	
62) 4-Bromofluorobenzene	11.14	95	144827	46.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	89974	44.728	ug/l	96
3) Chloromethane	1.32	50	125717	43.131	ug/l	99
4) Vinyl Chloride	1.40	62	126925	42.986	ug/l	99
5) Bromomethane	1.64	94	79520	47.712	ug/l	98
6) Chloroethane	1.71	64	76476	43.306	ug/l	99
7) Trichlorofluoromethane	1.92	101	176880	44.890	ug/l	98
8) Diethyl Ether	2.19	74	81262	48.295	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.38	101	109772	48.267	ug/l	96
10) Methyl Iodide	2.51	142	137965	55.061	ug/l	98
11) Tert butyl alcohol	3.07	59	197362	245.032	ug/l	98
12) 1,1-Dichloroethene	2.37	96	103379	45.879	ug/l	89
13) Acrolein	2.29	56	109665	213.045	ug/l	98
14) Allyl chloride	2.72	41	231108	46.715	ug/l	94
15) Acrylonitrile	3.15	53	445430	244.041	ug/l	100
16) Acetone	2.45	43	390624	236.607	ug/l	98
17) Carbon Disulfide	2.56	76	268685	39.362	ug/l	99
18) Methyl Acetate	2.78	43	250385	53.309	ug/l	93
19) Methyl tert-butyl Ether	3.20	73	399588	50.351	ug/l	95
20) Methylene Chloride	2.85	84	123198	51.247	ug/l	85
21) trans-1,2-Dichloroethene	3.16	96	108392	43.406	ug/l	85
22) Diisopropyl ether	3.87	45	440671	53.033	ug/l	97
23) Vinyl Acetate	3.82	43	1925459	265.115	ug/l	95
24) 1,1-Dichloroethane	3.70	63	224734	47.191	ug/l	96
25) 2-Butanone	4.70	43	643456	266.384	ug/l	95
26) 2,2-Dichloropropane	4.58	77	172919	48.551	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	132818	48.940	ug/l	96
28) Bromochloromethane	5.01	49	116373	53.604	ug/l	94
29) Tetrahydrofuran	5.15	42	413280	268.225	ug/l	92
30) Chloroform	5.21	83	224863	50.871	ug/l	94
31) Cyclohexane	5.57	56	186279	47.459	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	189714	49.326	ug/l	98
36) 1,1-Dichloropropene	5.79	75	159359	44.906	ug/l	99
37) Ethyl Acetate	4.85	43	226614	49.655	ug/l	98
38) Carbon Tetrachloride	5.78	117	163303	45.798	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	160450	41.776	ug/l #	82
40) Benzene	6.14	78	485857	45.640	ug/l	96
41) Methacrylonitrile	5.06	41	129991	53.130	ug/l	95
42) 1,2-Dichloroethane	6.20	62	178301	47.434	ug/l	98
43) Isopropyl Acetate	6.46	43	336941	55.424	ug/l	97
44) Trichloroethene	7.21	130	117679	43.209	ug/l	90
45) 1,2-Dichloropropane	7.51	63	115486	44.225	ug/l	91
46) Dibromomethane	7.66	93	77362	44.887	ug/l	97
47) Bromodichloromethane	7.90	83	143736	45.087	ug/l	98
48) Methyl methacrylate	7.77	41	148888	47.220	ug/l	93
49) 1,4-Dioxane	7.75	88	64054	880.775	ug/l	92
51) 4-Methyl-2-Pentanone	8.65	43	1011284	240.243	ug/l	95
52) Toluene	8.79	92	250754	43.055	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	176157	51.059	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	169833	45.431	ug/l	95
55) 1,1,2-Trichloroethane	9.22	97	129392	52.453	ug/l	93
56) Ethyl methacrylate	9.18	69	207727	57.764	ug/l	96
57) 1,3-Dichloropropane	9.37	76	222160	53.958	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	471534	233.807	ug/l	94
59) 2-Hexanone	9.50	43	953027	281.454	ug/l	93
60) Dibromochloromethane	9.59	129	140489	55.097	ug/l	96
61) 1,2-Dibromoethane	9.67	107	142513	55.049	ug/l	99
64) Tetrachloroethene	9.34	164	137916	52.879	ug/l	94
65) Chlorobenzene	10.14	112	352025	51.083	ug/l	93
66) 1,1,1,2-Tetrachloroethane	10.22	131	125988	51.303	ug/l	99
67) Ethyl Benzene	10.26	91	558292	49.835	ug/l	90
68) m/p-Xylenes	10.36	106	398191	91.575	ug/l	91
69) o-Xylene	10.70	106	191567	45.681	ug/l	99
70) Styrene	10.71	104	344024	49.876	ug/l	100
71) Bromoform	10.86	173	105978	48.292	ug/l #	99
73) Isopropylbenzene	11.02	105	511201	51.274	ug/l	100
74) N-amyl acetate	10.90	43	261174	54.313	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	210609	55.999	ug/l	97
76) 1,2,3-Trichloropropane	11.30	75	167893m	51.610	ug/l	
77) Bromobenzene	11.26	156	144628	50.735	ug/l	94
78) n-propylbenzene	11.36	91	641975	55.956	ug/l	98
79) 2-Chlorotoluene	11.42	91	352629	50.187	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	442765	51.860	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.08	75	63158	58.991	ug/l	90
82) 4-Chlorotoluene	11.51	91	425104	51.038	ug/l	99
83) tert-Butylbenzene	11.77	119	437878	50.647	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	456447	51.951	ug/l	98
85) sec-Butylbenzene	11.94	105	529503	51.752	ug/l	99
86) p-Isopropyltoluene	12.07	119	483432	52.276	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	263763	49.516	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	269304	49.419	ug/l	99
89) n-Butylbenzene	12.39	91	433718	51.654	ug/l	98
90) Hexachloroethane	12.60	117	78162	49.043	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	267968	49.296	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	46945	51.171	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	208252	52.217	ug/l	100
94) Hexachlorobutadiene	13.79	225	103245	49.016	ug/l	96
95) Naphthalene	13.83	128	638777	55.228	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	210753	51.647	ug/l	98

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

