

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092718\
 Data File : VX004763.D
 Acq On : 27 Sep 2018 10:08
 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
 9/28/2018 2:26:07 PM

Quant Time: Sep 28 06:30:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	312303	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	452297	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	422330	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	260389	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	211363	47.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.76%	
35) Dibromofluoromethane	5.50	113	177359	46.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.54%	
50) Toluene-d8	8.71	98	660634	51.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.68%	
62) 4-Bromofluorobenzene	11.14	95	248357	54.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	244269	57.365	ug/l	100
3) Chloromethane	1.32	50	237208	45.916	ug/l	99
4) Vinyl Chloride	1.40	62	244318	50.423	ug/l	96
5) Bromomethane	1.64	94	122538	42.648	ug/l	99
6) Chloroethane	1.71	64	133938	50.758	ug/l	99
7) Trichlorofluoromethane	1.92	101	304402	50.746	ug/l	99
8) Diethyl Ether	2.19	74	128124	49.166	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.38	101	175277	51.297	ug/l	98
10) Methyl Iodide	2.51	142	161502	35.321	ug/l	100
11) Tert butyl alcohol	3.08	59	317083	254.194	ug/l	98
12) 1,1-Dichloroethene	2.37	96	163477	48.310	ug/l	95
13) Acrolein	2.29	56	216345	243.762	ug/l	97
14) Allyl chloride	2.73	41	369946	50.105	ug/l	94
15) Acrylonitrile	3.15	53	681531	248.189	ug/l	99
16) Acetone	2.45	43	623982	239.572	ug/l	98
17) Carbon Disulfide	2.57	76	496126	48.792	ug/l	99
18) Methyl Acetate	2.78	43	328425	49.769	ug/l	95
19) Methyl tert-butyl Ether	3.20	73	621488	53.245	ug/l	96
20) Methylene Chloride	2.85	84	194699	51.438	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	178414	48.164	ug/l	97
22) Diisopropyl ether	3.87	45	639831	51.462	ug/l	92
23) Vinyl Acetate	3.82	43	2919761	256.555	ug/l	96
24) 1,1-Dichloroethane	3.70	63	341528	46.050	ug/l	99
25) 2-Butanone	4.70	43	948683	247.104	ug/l	94
26) 2,2-Dichloropropane	4.58	77	262222	50.774	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	200066	48.346	ug/l	95
28) Bromochloromethane	5.02	49	160681	46.008	ug/l	92
29) Tetrahydrofuran	5.15	42	605724	253.844	ug/l	93
30) Chloroform	5.21	83	324205	46.254	ug/l	97
31) Cyclohexane	5.57	56	321554	56.648	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	276304	48.269	ug/l	99
36) 1,1-Dichloropropene	5.79	75	251785	48.142	ug/l	99
37) Ethyl Acetate	4.85	43	333445	48.031	ug/l	99
38) Carbon Tetrachloride	5.78	117	240316	43.712	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	312949	58.600	ug/l	96
40) Benzene	6.14	78	751387	45.890	ug/l	100
41) Methacrylonitrile	5.06	41	185836	48.268	ug/l	96
42) 1,2-Dichloroethane	6.20	62	266658	46.069	ug/l	97
43) Isopropyl Acetate	6.46	43	515233	51.419	ug/l	97
44) Trichloroethene	7.21	130	203488	50.554	ug/l	95
45) 1,2-Dichloropropane	7.52	63	203227	50.613	ug/l	100
46) Dibromomethane	7.66	93	129690	51.394	ug/l	98
47) Bromodichloromethane	7.90	83	245848	52.036	ug/l	99
48) Methyl methacrylate	7.77	41	264970	58.260	ug/l	94
49) 1,4-Dioxane	7.76	88	118556	1049.256	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1753850	277.984	ug/l	96
52) Toluene	8.79	92	466915	51.897	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	294067	55.079	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	316749	56.641	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	194360	49.318	ug/l	97
56) Ethyl methacrylate	9.18	69	327343	51.118	ug/l	96
57) 1,3-Dichloropropane	9.37	76	329434	50.226	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	938243	274.803	ug/l	94
59) 2-Hexanone	9.50	43	1430681	272.119	ug/l	95
60) Dibromochloromethane	9.58	129	201716	51.180	ug/l	100
61) 1,2-Dibromoethane	9.68	107	205956	48.798	ug/l	99
64) Tetrachloroethene	9.33	164	189333	45.549	ug/l	96
65) Chlorobenzene	10.14	112	525321	48.507	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	187345	49.207	ug/l	99
67) Ethyl Benzene	10.25	91	895869	52.105	ug/l	96
68) m/p-Xylenes	10.36	106	698909	104.024	ug/l	96
69) o-Xylene	10.70	106	338043	54.778	ug/l	97
70) Styrene	10.71	104	569829	49.397	ug/l	97
71) Bromoform	10.86	173	166926	51.212	ug/l	99
73) Isopropylbenzene	11.02	105	899148	54.784	ug/l	99
74) N-amyl acetate	10.90	43	463972	51.382	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	325804	48.765	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	301444m	51.650	ug/l	
77) Bromobenzene	11.26	156	243354	51.048	ug/l	98
78) n-propylbenzene	11.36	91	1039470	55.198	ug/l	100
79) 2-Chlorotoluene	11.42	91	614790	52.376	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	766767	50.976	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.08	75	102842	48.137	ug/l	94
82) 4-Chlorotoluene	11.51	91	730426	52.867	ug/l	100
83) tert-Butylbenzene	11.77	119	756559	55.987	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	793530	51.156	ug/l	98
85) sec-Butylbenzene	11.95	105	912377	55.432	ug/l	99
86) p-Isopropyltoluene	12.07	119	829177	55.604	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	449819	50.532	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	453574	49.360	ug/l	98
89) n-Butylbenzene	12.39	91	768422	56.739	ug/l	98
90) Hexachloroethane	12.60	117	128020	51.562	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	452749	48.669	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	74876	51.042	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	351971	53.936	ug/l	99
94) Hexachlorobutadiene	13.79	225	173186	51.179	ug/l	97
95) Naphthalene	13.83	128	1108488	51.162	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	356691	52.913	ug/l	99

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

