

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101518\
 Data File : VX005329.D
 Acq On : 15 Oct 2018 08:15
 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
 10/16/2018 2:23:28 PM

Quant Time: Oct 16 03:58:52 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	5.66	168	292483	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	407703	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	379640	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	224785	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	153033	47.14	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	94.28%	
35) Dibromofluoromethane	5.50	113	127273	47.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.26%	
50) Toluene-d8	8.71	98	489459	52.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.60%	
62) 4-Bromofluorobenzene	11.13	95	185401	53.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	117057	51.19	ug/l	100
3) Chloromethane	1.32	50	156715	47.29	ug/l	100
4) Vinyl Chloride	1.41	62	162232	48.33	ug/l	100
5) Bromomethane	1.64	94	97893	51.62	ug/l	97
6) Chloroethane	1.71	64	98704	49.76	ug/l	94
7) Trichlorofluoromethane	1.92	101	226264	50.51	ug/l	94
8) Diethyl Ether	2.19	74	94642	49.48	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.38	101	137653	53.24	ug/l	97
10) Methyl Iodide	2.51	142	157058	55.13	ug/l	99
11) Tert butyl alcohol	3.07	59	211986	231.51	ug/l	99
12) 1,1-Dichloroethene	2.37	96	127517	49.78	ug/l	99
13) Acrolein	2.29	56	123272	210.63	ug/l	97
14) Allyl chloride	2.73	41	276719	49.20	ug/l	96
15) Acrylonitrile	3.15	53	478846	230.77	ug/l	98
16) Acetone	2.45	43	449922	239.72	ug/l	97
17) Carbon Disulfide	2.57	76	381612	49.18	ug/l	99
18) Methyl Acetate	2.78	43	250723	46.95	ug/l	94
19) Methyl tert-butyl Ether	3.20	73	459590	50.94	ug/l	97
20) Methylene Chloride	2.85	84	146294	53.59	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	138449	48.77	ug/l	96
22) Diisopropyl ether	3.87	45	497043	52.62	ug/l	93
23) Vinyl Acetate	3.82	43	2209023	267.55	ug/l	95
24) 1,1-Dichloroethane	3.70	63	268196	49.54	ug/l	98
25) 2-Butanone	4.70	43	629693	229.31	ug/l	94
26) 2,2-Dichloropropane	4.58	77	207306	51.20	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	144949	46.98	ug/l	96
28) Bromochloromethane	5.02	49	115501	46.80	ug/l	95
29) Tetrahydrofuran	5.15	42	397077	226.69	ug/l	93
30) Chloroform	5.21	83	240166	47.79	ug/l	99
31) Cyclohexane	5.57	56	219169	49.12	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	212662	48.64	ug/l	99
36) 1,1-Dichloropropene	5.79	75	189018	47.87	ug/l	99
37) Ethyl Acetate	4.85	43	226152	44.54	ug/l	98
38) Carbon Tetrachloride	5.78	117	191909	48.37	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	226719	53.05	ug/l	97
40) Benzene	6.14	78	542300	45.78	ug/l	99
41) Methacrylonitrile	5.06	41	126025	46.29	ug/l	96
42) 1,2-Dichloroethane	6.20	62	191579	45.81	ug/l	97
43) Isopropyl Acetate	6.46	43	338208	50.00	ug/l	97
44) Trichloroethene	7.21	130	153616	50.80	ug/l	100
45) 1,2-Dichloropropane	7.51	63	144616	49.77	ug/l	99
46) Dibromomethane	7.66	93	93361	48.68	ug/l	97
47) Bromodichloromethane	7.90	83	182786	51.53	ug/l	99
48) Methyl methacrylate	7.77	41	179527	51.17	ug/l	95
49) 1,4-Dioxane	7.75	88	76812	949.25	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1196605	255.48	ug/l	95
52) Toluene	8.79	92	349256	53.90	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	213424	55.60	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	229702	55.22	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	141051	51.39	ug/l	97
56) Ethyl methacrylate	9.18	69	222941	55.72	ug/l	97
57) 1,3-Dichloropropane	9.37	76	236888	51.71	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	614231	273.72	ug/l	95
59) 2-Hexanone	9.49	43	970412	257.57	ug/l	94
60) Dibromochloromethane	9.58	129	153911	54.25	ug/l	100
61) 1,2-Dibromoethane	9.67	107	148376	51.51	ug/l	99
64) Tetrachloroethene	9.34	164	157112	51.41	ug/l	99
65) Chlorobenzene	10.14	112	395288	48.95	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.22	131	144998	50.39	ug/l	99
67) Ethyl Benzene	10.25	91	682222	51.97	ug/l	97
68) m/p-Xylenes	10.36	106	534753	104.95	ug/l	96
69) o-Xylene	10.70	106	255731	52.04	ug/l	98
70) Styrene	10.71	104	433863	53.68	ug/l	98
71) Bromoform	10.86	173	131931	51.30	ug/l	99
73) Isopropylbenzene	11.02	105	699207	52.32	ug/l	100
74) N-amyl acetate	10.90	43	324106	50.29	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	232721	46.17	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	222878m	51.12	ug/l	
77) Bromobenzene	11.26	156	190274	49.80	ug/l	99
78) n-propylbenzene	11.36	91	815884	53.06	ug/l	100
79) 2-Chlorotoluene	11.42	91	473920	50.32	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	604566	52.83	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	73441	51.18	ug/l	93
82) 4-Chlorotoluene	11.51	91	570453	51.10	ug/l	100
83) tert-Butylbenzene	11.77	119	605570	52.26	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	621921	52.81	ug/l	98
85) sec-Butylbenzene	11.94	105	732525	53.42	ug/l	100
86) p-Isopropyltoluene	12.07	119	673195	54.31	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	360177	50.45	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	365343	50.02	ug/l	99
89) n-Butylbenzene	12.39	91	607476	53.98	ug/l	98
90) Hexachloroethane	12.60	117	107996	50.56	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	358672	49.23	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	56446	45.91	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	286085	53.52	ug/l	99
94) Hexachlorobutadiene	13.78	225	148527	52.61	ug/l	97
95) Naphthalene	13.83	128	820233	52.91	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	283715	51.87	ug/l	99

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

