

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110718\
 Data File : VX005837.D
 Acq On : 07 Nov 2018 19:31
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/9/2018 2:17:00 PM

Quant Time: Nov 08 08:11:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	115220	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	165826	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	155216	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	75762	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	70565	53.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.54%	
35) Dibromofluoromethane	5.50	113	54057	47.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.86%	
50) Toluene-d8	8.71	98	181494	48.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.80%	
62) 4-Bromofluorobenzene	11.14	95	67270	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	55525	53.449	ug/l	95
3) Chloromethane	1.32	50	63348	46.465	ug/l	99
4) Vinyl Chloride	1.40	62	61557	44.976	ug/l #	88
5) Bromomethane	1.64	94	29069	34.706	ug/l	93
6) Chloroethane	1.72	64	41805	51.191	ug/l	97
7) Trichlorofluoromethane	1.93	101	91401	50.311	ug/l	98
8) Diethyl Ether	2.19	74	37307	52.407	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	51616	49.400	ug/l	98
10) Methyl Iodide	2.51	142	36420	28.760	ug/l	98
11) Tert butyl alcohol	3.07	59	91945	242.309	ug/l	99
12) 1,1-Dichloroethene	2.37	96	51209	50.283	ug/l #	86
13) Acrolein	2.29	56	46670	257.339	ug/l	97
14) Allyl chloride	2.72	41	116260	51.113	ug/l	99
15) Acrylonitrile	3.15	53	208901	265.652	ug/l	97
16) Acetone	2.45	43	185710	260.390	ug/l	92
17) Carbon Disulfide	2.57	76	159940	52.651	ug/l	96
18) Methyl Acetate	2.78	43	102310	53.637	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	183749	52.863	ug/l	93
20) Methylene Chloride	2.85	84	59365	50.673	ug/l	90
21) trans-1,2-Dichloroethene	3.17	96	53922	50.199	ug/l	93
22) Diisopropyl ether	3.87	45	204731	51.382	ug/l	97
23) Vinyl Acetate	3.82	43	885021	259.054	ug/l	99
24) 1,1-Dichloroethane	3.70	63	111088	52.257	ug/l	98
25) 2-Butanone	4.70	43	302193	269.511	ug/l	98
26) 2,2-Dichloropropane	4.59	77	77904	49.958	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	60335	50.869	ug/l	98
28) Bromochloromethane	5.02	49	54739	57.616	ug/l	99
29) Tetrahydrofuran	5.15	42	195266	271.227	ug/l	99
30) Chloroform	5.22	83	104298	50.854	ug/l	99
31) Cyclohexane	5.57	56	97780	52.989	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	89173	52.128	ug/l	98
36) 1,1-Dichloropropene	5.81	75	79355	49.640	ug/l	98
37) Ethyl Acetate	4.85	43	108375	51.553	ug/l	100
38) Carbon Tetrachloride	5.77	117	80840	50.513	ug/l #	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	78249	48.295	ug/l	94
40) Benzene	6.13	78	236910	50.836	ug/l	97
41) Methacrylonitrile	5.06	41	59939	52.767	ug/l	99
42) 1,2-Dichloroethane	6.20	62	85049	50.952	ug/l	100
43) Isopropyl Acetate	6.47	43	158951	52.182	ug/l	99
44) Trichloroethene	7.21	130	55838	47.180	ug/l	86
45) 1,2-Dichloropropane	7.52	63	54630	48.297	ug/l	100
46) Dibromomethane	7.66	93	34194	48.174	ug/l	97
47) Bromodichloromethane	7.90	83	66924	49.890	ug/l	98
48) Methyl methacrylate	7.77	41	71631	52.371	ug/l	98
49) 1,4-Dioxane	7.75	88	28808	977.429	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	467289	243.408	ug/l	100
52) Toluene	8.79	92	123883	47.563	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	74708	47.194	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	83180	51.553	ug/l	90
55) 1,1,2-Trichloroethane	9.22	97	57344	49.401	ug/l	92
56) Ethyl methacrylate	9.18	69	86569	49.843	ug/l	96
57) 1,3-Dichloropropane	9.37	76	99743	51.132	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	223638	236.754	ug/l	99
59) 2-Hexanone	9.50	43	423137	250.052	ug/l	99
60) Dibromochloromethane	9.58	129	66359	52.896	ug/l	93
61) 1,2-Dibromoethane	9.68	107	63976	49.842	ug/l	99
64) Tetrachloroethene	9.34	164	63228	47.845	ug/l	92
65) Chlorobenzene	10.14	112	155489	50.005	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.22	131	54644	50.548	ug/l	97
67) Ethyl Benzene	10.25	91	245892	49.315	ug/l	99
68) m/p-Xylenes	10.36	106	188065	98.883	ug/l	95
69) o-Xylene	10.70	106	87068	51.053	ug/l	98
70) Styrene	10.71	104	148441	52.763	ug/l	99
71) Bromoform	10.86	173	45232	49.913	ug/l #	99
73) Isopropylbenzene	11.02	105	241276	55.070	ug/l	99
74) N-amyl acetate	10.90	43	122135	49.691	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	83045	51.641	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	80357m	52.089	ug/l	
77) Bromobenzene	11.26	156	62948	50.975	ug/l	99
78) n-propylbenzene	11.36	91	279718	54.173	ug/l	100
79) 2-Chlorotoluene	11.42	91	165580	53.054	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	207134	55.634	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	24344	50.294	ug/l	97
82) 4-Chlorotoluene	11.51	91	197637	53.733	ug/l	100
83) tert-Butylbenzene	11.77	119	203812	54.110	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	213514	51.970	ug/l	99
85) sec-Butylbenzene	11.94	105	246044	53.418	ug/l	100
86) p-Isopropyltoluene	12.07	119	223051	54.671	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	117621	49.630	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	118834	48.981	ug/l	99
89) n-Butylbenzene	12.39	91	197908	52.339	ug/l	100
90) Hexachloroethane	12.60	117	37333	54.808	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	119417	50.299	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	21958	55.955	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	89657	53.644	ug/l	99
94) Hexachlorobutadiene	13.78	225	43937	50.045	ug/l	99
95) Naphthalene	13.83	128	278857	51.133	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	90974	53.428	ug/l	100

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

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