

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112118\
 Data File : VX006138.D
 Acq On : 21 Nov 2018 22:18
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/26/2018 9:48:47 AM

Quant Time: Nov 22 04:03:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 08:15:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	317238	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	467339	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	437180	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	238784	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	190028	51.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.38%	
35) Dibromofluoromethane	5.50	113	154672	51.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.12%	
50) Toluene-d8	8.71	98	592579	51.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.58%	
62) 4-Bromofluorobenzene	11.13	95	220570	51.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	113130	47.988	ug/l	100
3) Chloromethane	1.32	50	133828	44.939	ug/l	100
4) Vinyl Chloride	1.41	62	143067	47.230	ug/l	96
5) Bromomethane	1.64	94	96141	41.916	ug/l	99
6) Chloroethane	1.71	64	83270	58.564	ug/l	97
7) Trichlorofluoromethane	1.93	101	194327	49.039	ug/l	98
8) Diethyl Ether	2.19	74	78730	47.001	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	112615	47.926	ug/l	98
10) Methyl Iodide	2.51	142	129795	44.058	ug/l	98
11) Tert butyl alcohol	3.07	59	190113	243.116	ug/l	99
12) 1,1-Dichloroethene	2.37	96	107810	47.064	ug/l	99
13) Acrolein	2.29	56	105549	225.566	ug/l	100
14) Allyl chloride	2.73	41	223699	47.732	ug/l	99
15) Acrylonitrile	3.15	53	418266	242.162	ug/l	99
16) Acetone	2.45	43	383384	235.031	ug/l	98
17) Carbon Disulfide	2.57	76	311510	50.364	ug/l	99
18) Methyl Acetate	2.78	43	213506	51.040	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	395452	49.945	ug/l	99
20) Methylene Chloride	2.85	84	125231	50.727	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	118697	49.525	ug/l	91
22) Diisopropyl ether	3.87	45	525955	52.425	ug/l	96
23) Vinyl Acetate	3.82	43	2218873	266.587	ug/l	100
24) 1,1-Dichloroethane	3.70	63	237551	50.260	ug/l	99
25) 2-Butanone	4.70	43	741797	245.000	ug/l	99
26) 2,2-Dichloropropane	4.58	77	188250	48.324	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	163761	48.887	ug/l	99
28) Bromochloromethane	5.02	49	135260	49.101	ug/l	100
29) Tetrahydrofuran	5.15	42	482119	255.258	ug/l	100
30) Chloroform	5.21	83	277934	48.525	ug/l	96
31) Cyclohexane	5.57	56	245938	49.815	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	236724	51.186	ug/l	99
36) 1,1-Dichloropropene	5.80	75	207868	48.891	ug/l	100
37) Ethyl Acetate	4.85	43	267208	48.850	ug/l	99
38) Carbon Tetrachloride	5.78	117	200855	50.261	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	243538	50.280	ug/l	99
40) Benzene	6.14	78	619935	49.492	ug/l	99
41) Methacrylonitrile	5.06	41	149813	49.698	ug/l	99
42) 1,2-Dichloroethane	6.20	62	227336	48.545	ug/l	100
43) Isopropyl Acetate	6.46	43	403703	51.105	ug/l	99
44) Trichloroethene	7.21	130	171916	49.381	ug/l	98
45) 1,2-Dichloropropane	7.51	63	165866	50.035	ug/l	99
46) Dibromomethane	7.66	93	110660	48.744	ug/l	99
47) Bromodichloromethane	7.90	83	210867	50.221	ug/l	99
48) Methyl methacrylate	7.77	41	214871	53.632	ug/l	100
49) 1,4-Dioxane	7.75	88	93748	986.304	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1463760	258.469	ug/l	100
52) Toluene	8.79	92	397243	51.272	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	222436	50.766	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	244366	50.450	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	163224	48.645	ug/l	99
56) Ethyl methacrylate	9.18	69	250703	48.096	ug/l	99
57) 1,3-Dichloropropane	9.37	76	274231	49.583	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	709012	243.316	ug/l	100
59) 2-Hexanone	9.49	43	1157413	257.525	ug/l	100
60) Dibromochloromethane	9.59	129	168406	51.192	ug/l	100
61) 1,2-Dibromoethane	9.67	107	174443	50.463	ug/l	99
64) Tetrachloroethene	9.34	164	180987	50.306	ug/l	98
65) Chlorobenzene	10.14	112	447888	49.946	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	155936	50.650	ug/l	99
67) Ethyl Benzene	10.25	91	770918	52.504	ug/l	98
68) m/p-Xylenes	10.36	106	601392	105.185	ug/l	100
69) o-Xylene	10.70	106	288635	52.851	ug/l	100
70) Styrene	10.71	104	482100	54.140	ug/l	99
71) Bromoform	10.86	173	138052	50.095	ug/l	99
73) Isopropylbenzene	11.02	105	783006	54.196	ug/l	99
74) N-amyl acetate	10.90	43	364560	49.524	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	270069	49.602	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	264835m	53.871	ug/l	
77) Bromobenzene	11.26	156	209715	51.816	ug/l	98
78) n-propylbenzene	11.36	91	914570	54.356	ug/l	100
79) 2-Chlorotoluene	11.42	91	529205	51.989	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	659086	54.107	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	76031	52.309	ug/l	98
82) 4-Chlorotoluene	11.51	91	631079	53.125	ug/l	99
83) tert-Butylbenzene	11.77	119	647485	54.448	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	674866	54.313	ug/l	100
85) sec-Butylbenzene	11.94	105	795657	54.701	ug/l	99
86) p-Isopropyltoluene	12.07	119	706680	54.491	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	380909	51.043	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	380300	49.159	ug/l	99
89) n-Butylbenzene	12.39	91	629894	53.646	ug/l	99
90) Hexachloroethane	12.60	117	109747	53.030	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	387229	50.755	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	64710	51.218	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	281032	52.289	ug/l	99
94) Hexachlorobutadiene	13.78	225	129750	49.534	ug/l	99
95) Naphthalene	13.83	128	893243	56.519	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	287698	52.506	ug/l	99

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

