

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112118\
 Data File : VX006136.D
 Acq On : 21 Nov 2018 20:59
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/26/2018 10:52:40 AM

Quant Time: Nov 22 03:56:54 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	328712	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	481698	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	448021	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	247042	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	196216	51.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.02%	
35) Dibromofluoromethane	5.50	113	158867	51.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.76%	
50) Toluene-d8	8.71	98	606884	51.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.92%	
62) 4-Bromofluorobenzene	11.14	95	226922	51.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	116125	47.539	ug/l	98
3) Chloromethane	1.32	50	136813	44.338	ug/l	99
4) Vinyl Chloride	1.41	62	145679	46.414	ug/l	97
5) Bromomethane	1.64	94	93912	39.728	ug/l	97
6) Chloroethane	1.71	64	84617	57.734	ug/l	100
7) Trichlorofluoromethane	1.93	101	199106	48.491	ug/l	99
8) Diethyl Ether	2.19	74	81721	47.083	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	115858	47.585	ug/l	99
10) Methyl Iodide	2.51	142	122438	40.110	ug/l	100
11) Tert butyl alcohol	3.07	59	200107	246.964	ug/l	99
12) 1,1-Dichloroethene	2.37	96	110869	46.710	ug/l	96
13) Acrolein	2.29	56	108764	224.323	ug/l	99
14) Allyl chloride	2.73	41	232016	47.779	ug/l	99
15) Acrylonitrile	3.15	53	423178	236.454	ug/l	99
16) Acetone	2.45	43	388791	230.026	ug/l	99
17) Carbon Disulfide	2.57	76	320236	49.967	ug/l	99
18) Methyl Acetate	2.78	43	215034	49.611	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	404333	49.284	ug/l	99
20) Methylene Chloride	2.85	84	126384	49.398	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	121065	48.750	ug/l	94
22) Diisopropyl ether	3.87	45	538876	51.838	ug/l	95
23) Vinyl Acetate	3.82	43	2252718	261.206	ug/l	100
24) 1,1-Dichloroethane	3.70	63	237763	48.549	ug/l	99
25) 2-Butanone	4.70	43	753542	240.192	ug/l	99
26) 2,2-Dichloropropane	4.59	77	187794	46.525	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	167788	48.341	ug/l	100
28) Bromochloromethane	5.02	49	143578	50.301	ug/l	99
29) Tetrahydrofuran	5.15	42	493126	251.972	ug/l	100
30) Chloroform	5.21	83	282542	47.608	ug/l	97
31) Cyclohexane	5.57	56	252587	49.376	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	239610	50.001	ug/l	99
36) 1,1-Dichloropropene	5.80	75	210390	48.009	ug/l	98
37) Ethyl Acetate	4.85	43	271316	48.122	ug/l	99
38) Carbon Tetrachloride	5.78	117	205949	50.000	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	254982	51.073	ug/l	99
40) Benzene	6.14	78	635256	49.203	ug/l	98
41) Methacrylonitrile	5.06	41	154587	49.753	ug/l	99
42) 1,2-Dichloroethane	6.20	62	232956	48.262	ug/l	99
43) Isopropyl Acetate	6.46	43	413343	50.765	ug/l	100
44) Trichloroethene	7.21	130	176927	49.305	ug/l	98
45) 1,2-Dichloropropane	7.51	63	166741	48.800	ug/l	97
46) Dibromomethane	7.66	93	112333	48.006	ug/l	99
47) Bromodichloromethane	7.90	83	212767	49.163	ug/l	97
48) Methyl methacrylate	7.77	41	217982	52.787	ug/l	100
49) 1,4-Dioxane	7.75	88	96523	985.228	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1478938	253.365	ug/l	99
52) Toluene	8.79	92	405909	50.829	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	229741	50.870	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	252210	50.517	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	167682	48.484	ug/l	99
56) Ethyl methacrylate	9.18	69	256650	47.788	ug/l	99
57) 1,3-Dichloropropane	9.37	76	279362	49.005	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	715930	238.503	ug/l	99
59) 2-Hexanone	9.49	43	1170704	252.718	ug/l	100
60) Dibromochloromethane	9.59	129	171928	50.705	ug/l	99
61) 1,2-Dibromoethane	9.67	107	176587	49.561	ug/l	100
64) Tetrachloroethene	9.34	164	185774	50.387	ug/l	99
65) Chlorobenzene	10.14	112	459856	50.039	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	160997	51.029	ug/l	99
67) Ethyl Benzene	10.25	91	787144	52.312	ug/l	98
68) m/p-Xylenes	10.36	106	613260	104.665	ug/l	99
69) o-Xylene	10.70	106	297213	53.104	ug/l	99
70) Styrene	10.71	104	493572	54.087	ug/l	100
71) Bromoform	10.86	173	140860	49.877	ug/l	99
73) Isopropylbenzene	11.02	105	803780	53.774	ug/l	99
74) N-amyl acetate	10.90	43	374198	49.152	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	274863	48.795	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	257196m	50.569	ug/l	
77) Bromobenzene	11.26	156	212990	50.866	ug/l	99
78) n-propylbenzene	11.36	91	932796	53.586	ug/l	100
79) 2-Chlorotoluene	11.42	91	549309	52.160	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	681954	54.113	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	76581	50.926	ug/l	98
82) 4-Chlorotoluene	11.51	91	648826	52.793	ug/l	100
83) tert-Butylbenzene	11.77	119	661206	53.743	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	704311	54.788	ug/l	99
85) sec-Butylbenzene	11.94	105	814012	54.092	ug/l	99
86) p-Isopropyltoluene	12.07	119	720835	53.725	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	393344	50.947	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	396754	49.572	ug/l	99
89) n-Butylbenzene	12.39	91	651254	53.611	ug/l	99
90) Hexachloroethane	12.60	117	113337	52.934	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	392572	49.735	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	65261	49.928	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	291862	52.489	ug/l	98
94) Hexachlorobutadiene	13.79	225	132463	48.880	ug/l	99
95) Naphthalene	13.83	128	918957	56.203	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	294873	52.017	ug/l	99

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

