

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062818\
 Data File : VX003007.D
 Acq On : 29 Jun 2018 01:24
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/29/2018 12:22:51 PM

Quant Time: Jun 29 08:02:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	273370	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	380516	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	362336	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	225853	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	188414	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
35) Dibromofluoromethane	5.51	113	152506	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	
50) Toluene-d8	8.72	98	546756	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	
62) 4-Bromofluorobenzene	11.14	95	210025	49.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	152262	62.46	ug/l	98
3) Chloromethane	1.32	50	143968	56.98	ug/l	98
4) Vinyl Chloride	1.41	62	158555	51.29	ug/l	92
5) Bromomethane	1.64	94	73383	50.90	ug/l	99
6) Chloroethane	1.71	64	102569	56.84	ug/l	99
7) Trichlorofluoromethane	1.93	101	254436	48.79	ug/l	98
8) Diethyl Ether	2.19	74	92703	48.90	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	142487	47.15	ug/l	98
10) Methyl Iodide	2.51	142	117353	39.75	ug/l	100
11) Tert butyl alcohol	3.08	59	173374	230.33	ug/l	99
12) 1,1-Dichloroethene	2.37	96	131839	48.90	ug/l	95
13) Acrolein	2.29	56	81194	195.51	ug/l	100
14) Allyl chloride	2.73	41	254395	47.87	ug/l	97
15) Acrylonitrile	3.15	53	393821	244.95	ug/l	99
16) Acetone	2.45	43	363654	232.40	ug/l	98
17) Carbon Disulfide	2.57	76	375002	52.20	ug/l	98
18) Methyl Acetate	2.78	43	191965	43.88	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	470263	48.52	ug/l	99
20) Methylene Chloride	2.86	84	144741	47.53	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	139351	47.46	ug/l	96
22) Diisopropyl ether	3.88	45	508040	50.01	ug/l	99
23) Vinyl Acetate	3.83	43	2222727	258.39	ug/l	99
24) 1,1-Dichloroethane	3.70	63	278100	50.37	ug/l	100
25) 2-Butanone	4.71	43	589507	253.85	ug/l	97
26) 2,2-Dichloropropane	4.59	77	165066	36.77	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	164655	50.01	ug/l	93
28) Bromochloromethane	5.02	49	131027	49.58	ug/l	93
29) Tetrahydrofuran	5.17	42	378351	254.06	ug/l	97
30) Chloroform	5.22	83	285110	50.32	ug/l	99
31) Cyclohexane	5.58	56	233598	49.30	ug/l	94
32) 1,1,1-Trichloroethane	5.50	97	253571	50.86	ug/l	99
36) 1,1-Dichloropropene	5.81	75	206412	49.47	ug/l	99
37) Ethyl Acetate	4.87	43	232567	51.76	ug/l	100
38) Carbon Tetrachloride	5.79	117	227956	49.78	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	224245	46.14	ug/l	98
40) Benzene	6.15	78	606306	50.01	ug/l	99
41) Methacrylonitrile	5.07	41	131568	50.85	ug/l	98
42) 1,2-Dichloroethane	6.20	62	236191	48.23	ug/l	100
43) Isopropyl Acetate	6.47	43	375151	49.79	ug/l	98
44) Trichloroethene	7.21	130	178668	49.43	ug/l	100
45) 1,2-Dichloropropane	7.52	63	159479	49.59	ug/l	100
46) Dibromomethane	7.67	93	110761	49.62	ug/l	96
47) Bromodichloromethane	7.90	83	213222	51.67	ug/l	99
48) Methyl methacrylate	7.78	41	196263	50.55	ug/l	96
49) 1,4-Dioxane	7.76	88	76774	1016.36	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1217919	258.34	ug/l	98
52) Toluene	8.79	92	393846	50.71	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	235184	50.33	ug/l	97
54) cis-1,3-Dichloropropene	9.04	75	220851	49.12	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	161780	50.69	ug/l	99
56) Ethyl methacrylate	9.18	69	248811	53.34	ug/l	95
57) 1,3-Dichloropropane	9.38	76	261620	49.91	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	579847	257.67	ug/l	98
59) 2-Hexanone	9.50	43	934215	260.73	ug/l	97
60) Dibromochloromethane	9.59	129	175538	52.24	ug/l	100
61) 1,2-Dibromoethane	9.68	107	171485	51.22	ug/l	99
64) Tetrachloroethene	9.34	164	198687	49.31	ug/l	99
65) Chlorobenzene	10.14	112	454148	49.35	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	170175	50.90	ug/l	100
67) Ethyl Benzene	10.26	91	770411	50.67	ug/l	100
68) m/p-Xylenes	10.36	106	599313	102.28	ug/l	99
69) o-Xylene	10.70	106	291577	51.11	ug/l	99
70) Styrene	10.71	104	489787	52.83	ug/l	99
71) Bromoform	10.86	173	138626	46.21	ug/l	98
73) Isopropylbenzene	11.02	105	772401	50.84	ug/l	100
74) N-amyl acetate	6.47	43	375151	50.46	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	245280	52.41	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	210023m	51.34	ug/l	
77) Bromobenzene	11.26	156	219424	50.71	ug/l	98
78) n-propylbenzene	11.37	91	867133	50.14	ug/l	99
79) 2-Chlorotoluene	11.43	91	530527	50.67	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	649005	50.72	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	59015	42.40	ug/l	99
82) 4-Chlorotoluene	11.51	91	621279	50.12	ug/l	99
83) tert-Butylbenzene	11.77	119	634387	50.30	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	672095	50.69	ug/l	99
85) sec-Butylbenzene	11.95	105	746331	48.78	ug/l	100
86) p-Isopropyltoluene	12.07	119	680163	49.45	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	393488	49.79	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	396167	48.71	ug/l	99
89) n-Butylbenzene	12.39	91	565200	47.21	ug/l	99
90) Hexachloroethane	12.60	117	95451	46.65	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	400561	50.22	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	53606	50.95	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	280608	48.34	ug/l	99
94) Hexachlorobutadiene	13.79	225	138516	47.84	ug/l	99
95) Naphthalene	13.84	128	836153	54.08	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	288972	49.84	ug/l	99

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

