

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062618\
 Data File : VX002903.D
 Acq On : 26 Jun 2018 19:18
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/28/2018 3:12:08 PM

Quant Time: Jun 27 03:57:31 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	268170	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	361138	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	347924	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	226860	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	181022	48.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.68%	
35) Dibromofluoromethane	5.51	113	145794	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	
50) Toluene-d8	8.72	98	539251	51.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.26%	
62) 4-Bromofluorobenzene	11.14	95	210764	52.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	111202	46.42	ug/l	98
3) Chloromethane	1.32	50	116863	46.94	ug/l	98
4) Vinyl Chloride	1.40	62	135608	44.71	ug/l	96
5) Bromomethane	1.64	94	77298	54.87	ug/l	100
6) Chloroethane	1.72	64	85182	47.78	ug/l	100
7) Trichlorofluoromethane	1.93	101	240023	46.92	ug/l	99
8) Diethyl Ether	2.19	74	86493	46.51	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	137553	46.40	ug/l	99
10) Methyl Iodide	2.51	142	113080	39.16	ug/l	100
11) Tert butyl alcohol	3.07	59	170986	231.56	ug/l	98
12) 1,1-Dichloroethene	2.37	96	120901	45.71	ug/l	95
13) Acrolein	2.29	56	95265	233.01	ug/l	99
14) Allyl chloride	2.73	41	244281	46.86	ug/l	98
15) Acrylonitrile	3.15	53	372587	236.24	ug/l	100
16) Acetone	2.45	43	348159	226.81	ug/l	98
17) Carbon Disulfide	2.57	76	312692	44.37	ug/l	98
18) Methyl Acetate	2.78	43	217669	50.72	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	448080	47.13	ug/l	100
20) Methylene Chloride	2.85	84	136361	45.65	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	131533	45.66	ug/l	97
22) Diisopropyl ether	3.87	45	473256	47.49	ug/l	97
23) Vinyl Acetate	3.82	43	2005005	237.60	ug/l	100
24) 1,1-Dichloroethane	3.70	63	257477	47.54	ug/l	99
25) 2-Butanone	4.71	43	533230	234.06	ug/l	98
26) 2,2-Dichloropropane	4.59	77	190025	43.14	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	149141	46.18	ug/l	95
28) Bromochloromethane	5.02	49	126680	48.86	ug/l	92
29) Tetrahydrofuran	5.17	42	340360	232.98	ug/l	97
30) Chloroform	5.22	83	264522	47.59	ug/l	97
31) Cyclohexane	5.57	56	217085	46.70	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	236669	48.39	ug/l	99
36) 1,1-Dichloropropene	5.80	75	190567	48.12	ug/l	99
37) Ethyl Acetate	4.86	43	206195	48.36	ug/l	100
38) Carbon Tetrachloride	5.78	117	213263	49.07	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	225691	48.92	ug/l	97
40) Benzene	6.15	78	557076	48.41	ug/l	100
41) Methacrylonitrile	5.06	41	120690	49.15	ug/l	99
42) 1,2-Dichloroethane	6.20	62	222377	47.84	ug/l	100
43) Isopropyl Acetate	6.47	43	340042	47.55	ug/l	99
44) Trichloroethene	7.21	130	163867	47.76	ug/l	96
45) 1,2-Dichloropropane	7.52	63	149557	49.00	ug/l	98
46) Dibromomethane	7.66	93	101847	48.08	ug/l	97
47) Bromodichloromethane	7.90	83	198671	50.73	ug/l	97
48) Methyl methacrylate	7.78	41	181989	49.39	ug/l	98
49) 1,4-Dioxane	7.76	88	70460	982.83	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1114914	249.18	ug/l	99
52) Toluene	8.79	92	364174	49.40	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	227960	51.40	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	210940	49.43	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	151383	49.98	ug/l	97
56) Ethyl methacrylate	9.18	69	222218	50.20	ug/l	97
57) 1,3-Dichloropropane	9.37	76	243892	49.02	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	546304	255.79	ug/l	98
59) 2-Hexanone	9.50	43	850495	250.11	ug/l	98
60) Dibromochloromethane	9.59	129	163229	51.19	ug/l	100
61) 1,2-Dibromoethane	9.68	107	158001	49.73	ug/l	100
64) Tetrachloroethene	9.34	164	188373	48.69	ug/l	98
65) Chlorobenzene	10.14	112	426241	48.23	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	157710	49.13	ug/l	99
67) Ethyl Benzene	10.26	91	737571	50.52	ug/l	99
68) m/p-Xylenes	10.36	106	570768	101.45	ug/l	100
69) o-Xylene	10.70	106	274608	50.13	ug/l	100
70) Styrene	10.71	104	459405	51.61	ug/l	100
71) Bromoform	10.86	173	129642	45.11	ug/l	100
73) Isopropylbenzene	11.02	105	762649	49.97	ug/l	100
74) N-amyl acetate	6.47	43	340042	45.54	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	222552	47.34	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	224593m	54.66	ug/l	
77) Bromobenzene	11.26	156	207886	47.83	ug/l	98
78) n-propylbenzene	11.37	91	874662	50.35	ug/l	99
79) 2-Chlorotoluene	11.43	91	519502	49.40	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	650965	50.64	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	61316	43.74	ug/l	99
82) 4-Chlorotoluene	11.51	91	616406	49.51	ug/l	100
83) tert-Butylbenzene	11.77	119	635895	50.20	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	668485	50.19	ug/l	99
85) sec-Butylbenzene	11.95	105	779480	50.72	ug/l	100
86) p-Isopropyltoluene	12.07	119	712617	51.58	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	386499	48.69	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	393376	48.16	ug/l	99
89) n-Butylbenzene	12.39	91	616353	51.25	ug/l	100
90) Hexachloroethane	12.60	117	104351	50.78	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	388009	48.43	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	50334	47.63	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	291378	49.97	ug/l	100
94) Hexachlorobutadiene	13.79	225	144591	49.72	ug/l	99
95) Naphthalene	13.84	128	785901	50.61	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	289943	49.79	ug/l	100

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

