

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062818\
 Data File : VX003000.D
 Acq On : 28 Jun 2018 21:53
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/29/2018 12:22:46 PM

Quant Time: Jun 29 07:46:14 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	271293	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	380931	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	365950	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	225488	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	189770	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	
35) Dibromofluoromethane	5.51	113	153174	50.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.56%	
50) Toluene-d8	8.72	98	554463	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
62) 4-Bromofluorobenzene	11.14	95	215023	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	152198	62.91	ug/l	100
3) Chloromethane	1.32	50	147871	59.01	ug/l	99
4) Vinyl Chloride	1.41	62	160523	52.32	ug/l	94
5) Bromomethane	1.64	94	81936	57.63	ug/l	98
6) Chloroethane	1.71	64	102609	57.31	ug/l	99
7) Trichlorofluoromethane	1.93	101	255449	49.36	ug/l	99
8) Diethyl Ether	2.19	74	91051	48.39	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	140311	46.79	ug/l	99
10) Methyl Iodide	2.51	142	119569	40.65	ug/l	99
11) Tert butyl alcohol	3.09	59	176032	235.65	ug/l	98
12) 1,1-Dichloroethene	2.37	96	130292	48.70	ug/l	98
13) Acrolein	2.30	56	84600	205.06	ug/l	100
14) Allyl chloride	2.73	41	256537	48.64	ug/l	97
15) Acrylonitrile	3.15	53	397304	249.01	ug/l	99
16) Acetone	2.45	43	364113	234.47	ug/l	96
17) Carbon Disulfide	2.57	76	372569	52.26	ug/l	98
18) Methyl Acetate	2.78	43	188705	43.46	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	464368	48.28	ug/l	100
20) Methylene Chloride	2.86	84	143917	47.62	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	139913	48.01	ug/l	94
22) Diisopropyl ether	3.88	45	502951	49.89	ug/l	98
23) Vinyl Acetate	3.83	43	2225250	260.67	ug/l	99
24) 1,1-Dichloroethane	3.70	63	272241	49.68	ug/l	99
25) 2-Butanone	4.71	43	593254	257.41	ug/l	99
26) 2,2-Dichloropropane	4.59	77	173211	38.87	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	167461	51.25	ug/l	93
28) Bromochloromethane	5.02	49	131982	50.32	ug/l	94
29) Tetrahydrofuran	5.17	42	382967	259.13	ug/l	98
30) Chloroform	5.22	83	282899	50.31	ug/l	97
31) Cyclohexane	5.57	56	232428	49.43	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	253465	51.23	ug/l	99
36) 1,1-Dichloropropene	5.80	75	205269	49.14	ug/l	99
37) Ethyl Acetate	4.87	43	232493	51.69	ug/l	99
38) Carbon Tetrachloride	5.79	117	228461	49.84	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	220888	45.40	ug/l	97
40) Benzene	6.15	78	609656	50.23	ug/l	99
41) Methacrylonitrile	5.07	41	132133	51.02	ug/l	98
42) 1,2-Dichloroethane	6.20	62	235756	48.08	ug/l	99
43) Isopropyl Acetate	6.47	43	374499	49.65	ug/l	99
44) Trichloroethene	7.22	130	179688	49.65	ug/l	98
45) 1,2-Dichloropropane	7.52	63	159295	49.48	ug/l	99
46) Dibromomethane	7.66	93	109547	49.03	ug/l	97
47) Bromodichloromethane	7.90	83	211382	51.17	ug/l	99
48) Methyl methacrylate	7.78	41	196834	50.64	ug/l	97
49) 1,4-Dioxane	7.76	88	77771	1028.44	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1220681	258.64	ug/l	98
52) Toluene	8.79	92	389195	50.05	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	237160	50.70	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	220691	49.03	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	160018	50.08	ug/l	98
56) Ethyl methacrylate	9.18	69	245223	52.51	ug/l	97
57) 1,3-Dichloropropane	9.38	76	262583	50.04	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	583836	259.16	ug/l	98
59) 2-Hexanone	9.50	43	933545	260.26	ug/l	97
60) Dibromochloromethane	9.59	129	174493	51.88	ug/l	100
61) 1,2-Dibromoethane	9.68	107	170274	50.81	ug/l	100
64) Tetrachloroethene	9.34	164	197881	48.63	ug/l	99
65) Chlorobenzene	10.14	112	451954	48.62	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	168923	50.03	ug/l	99
67) Ethyl Benzene	10.26	91	766505	49.92	ug/l	100
68) m/p-Xylenes	10.36	106	593958	100.37	ug/l	99
69) o-Xylene	10.70	106	289033	50.16	ug/l	99
70) Styrene	10.71	104	490071	52.34	ug/l	99
71) Bromoform	10.86	173	138402	45.73	ug/l	99
73) Isopropylbenzene	11.02	105	769644	50.74	ug/l	100
74) N-amyl acetate	6.47	43	374499	50.46	ug/l	# 99
75) 1,1,2,2-Tetrachloroethane	11.27	83	241902	51.77	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	234851m	57.50	ug/l	
77) Bromobenzene	11.26	156	220068	50.94	ug/l	97
78) n-propylbenzene	11.37	91	864240	50.05	ug/l	99
79) 2-Chlorotoluene	11.43	91	521285	49.87	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	643473	50.37	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	58676	42.24	ug/l	98
82) 4-Chlorotoluene	11.51	91	617378	49.89	ug/l	99
83) tert-Butylbenzene	11.77	119	622657	49.45	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	664733	50.22	ug/l	99
85) sec-Butylbenzene	11.95	105	737755	48.30	ug/l	100
86) p-Isopropyltoluene	12.07	119	674639	49.13	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	387276	49.09	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	393227	48.43	ug/l	99
89) n-Butylbenzene	12.39	91	570965	47.77	ug/l	100
90) Hexachloroethane	12.60	117	95968	46.98	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	396292	49.77	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	53858	51.27	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	279216	48.18	ug/l	100
94) Hexachlorobutadiene	13.79	225	138934	48.07	ug/l	99
95) Naphthalene	13.84	128	833965	54.03	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	284735	49.19	ug/l	100

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

