

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100818\
 Data File : VX005154.D
 Acq On : 09 Oct 2018 04:03
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/9/2018 1:47:53 PM

Quant Time: Oct 09 08:24:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	193498	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	269091	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	262142	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	168571	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	136215	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	
35) Dibromofluoromethane	5.50	113	111939	49.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.16%	
50) Toluene-d8	8.72	98	394675	52.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.12%	
62) 4-Bromofluorobenzene	11.14	95	148885	54.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	138413	52.46	ug/l	99
3) Chloromethane	1.32	50	143938	44.97	ug/l	93
4) Vinyl Chloride	1.40	62	159374	53.09	ug/l	95
5) Bromomethane	1.64	94	101382	56.95	ug/l	96
6) Chloroethane	1.71	64	85823	52.58	ug/l	99
7) Trichlorofluoromethane	1.92	101	199826	53.77	ug/l	94
8) Diethyl Ether	2.18	74	83403	51.66	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	115679	54.64	ug/l	98
10) Methyl Iodide	2.51	142	125570	44.32	ug/l	93
11) Tert butyl alcohol	3.09	59	210111	271.86	ug/l	99
12) 1,1-Dichloroethene	2.37	96	108510	51.75	ug/l	89
13) Acrolein	2.29	56	74463	135.41	ug/l	91
14) Allyl chloride	2.72	41	231107	50.52	ug/l	95
15) Acrylonitrile	3.15	53	464846	273.22	ug/l	97
16) Acetone	2.45	43	403355	249.95	ug/l	92
17) Carbon Disulfide	2.57	76	267393	42.44	ug/l	99
18) Methyl Acetate	2.78	43	285334	69.79	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	417644	57.75	ug/l	95
20) Methylene Chloride	2.85	84	129592	55.32	ug/l	90
21) trans-1,2-Dichloroethene	3.16	96	115851	50.48	ug/l	98
22) Diisopropyl ether	3.88	45	430526	55.89	ug/l	# 93
23) Vinyl Acetate	3.82	43	1787113	253.45	ug/l	95
24) 1,1-Dichloroethane	3.70	63	242196	52.71	ug/l	99
25) 2-Butanone	4.71	43	634855	266.89	ug/l	97
26) 2,2-Dichloropropane	4.58	77	112642	35.20	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	131732	51.38	ug/l	99
28) Bromochloromethane	5.02	49	107084	49.49	ug/l	98
29) Tetrahydrofuran	5.16	42	399895	270.48	ug/l	99
30) Chloroform	5.21	83	219421	50.52	ug/l	100
31) Cyclohexane	5.58	56	192697	54.79	ug/l	# 78
32) 1,1,1-Trichloroethane	5.49	97	189328	53.38	ug/l	96
36) 1,1-Dichloropropene	5.79	75	151725	48.76	ug/l	94
37) Ethyl Acetate	4.85	43	216719	52.47	ug/l	99
38) Carbon Tetrachloride	5.78	117	162676	49.74	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	7.46	83	164319	51.72	ug/l #	85
40) Benzene	6.13	78	501900	51.52	ug/l	90
41) Methacrylonitrile	5.06	41	125342	54.72	ug/l	98
42) 1,2-Dichloroethane	6.20	62	175991	51.11	ug/l	98
43) Isopropyl Acetate	6.47	43	317626	53.28	ug/l	97
44) Trichloroethene	7.21	130	124249	51.88	ug/l	97
45) 1,2-Dichloropropane	7.52	63	126234	52.84	ug/l	98
46) Dibromomethane	7.66	93	81400	54.22	ug/l	100
47) Bromodichloromethane	7.90	83	160606	57.14	ug/l	99
48) Methyl methacrylate	7.78	41	160721	59.40	ug/l	99
49) 1,4-Dioxane	7.76	88	73760	1097.24	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1123648	299.35	ug/l	99
52) Toluene	8.79	92	288753	53.95	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	166149	52.31	ug/l	93
54) cis-1,3-Dichloropropene	8.44	75	180536	54.26	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	126620	54.00	ug/l	95
56) Ethyl methacrylate	9.18	69	193060	50.70	ug/l	98
57) 1,3-Dichloropropane	9.37	76	209609	53.71	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.32	63	531836	262.50	ug/l	99
59) 2-Hexanone	9.50	43	890827	284.80	ug/l	96
60) Dibromochloromethane	9.59	129	131720	56.17	ug/l	99
61) 1,2-Dibromoethane	9.67	107	128257	51.08	ug/l	95
64) Tetrachloroethene	9.34	164	132246	51.26	ug/l	97
65) Chlorobenzene	10.14	112	331363	49.29	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.22	131	124198	52.56	ug/l	99
67) Ethyl Benzene	10.25	91	558645	52.35	ug/l	95
68) m/p-Xylenes	10.36	106	435741	104.49	ug/l	95
69) o-Xylene	10.70	106	210717	55.01	ug/l	99
70) Styrene	10.71	104	361006	50.37	ug/l	99
71) Bromoform	10.86	173	110692	54.71	ug/l #	97
73) Isopropylbenzene	11.02	105	580192	54.60	ug/l	99
74) N-amyl acetate	10.90	43	278493	47.77	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	211084	48.80	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	193184m	51.13	ug/l	
77) Bromobenzene	11.26	156	158474	51.35	ug/l	98
78) n-propylbenzene	11.36	91	662665	54.36	ug/l	99
79) 2-Chlorotoluene	11.42	91	398759	52.48	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	494536	50.78	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	52686	38.51	ug/l	100
82) 4-Chlorotoluene	11.51	91	470128	52.56	ug/l	99
83) tert-Butylbenzene	11.77	119	491707	56.21	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	514204	51.21	ug/l	99
85) sec-Butylbenzene	11.94	105	598189	56.14	ug/l	100
86) p-Isopropyltoluene	12.07	119	533520	55.26	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	291676	50.61	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	296059	49.77	ug/l	100
89) n-Butylbenzene	12.39	91	468303	53.41	ug/l	100
90) Hexachloroethane	12.60	117	87884	54.68	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	298875	49.63	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	51467	54.19	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	226387	53.59	ug/l	99
94) Hexachlorobutadiene	13.79	225	112762	51.47	ug/l	99
95) Naphthalene	13.83	128	715259	51.00	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	233188	53.43	ug/l	100

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

