

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080318\
 Data File : VX003835.D
 Acq On : 02 Aug 2018 20:42
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 8/6/2018 1:35:50 PM

Quant Time: Aug 03 01:49:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080318W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 03 01:37:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	109790	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	155500	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	150598	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	95661	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	139404	85.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	170.74%	
35) Dibromofluoromethane	5.51	113	120868	95.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	190.26%	
50) Toluene-d8	8.72	98	467665	96.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	193.68%	
62) 4-Bromofluorobenzene	11.14	95	171537	97.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	194.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	110857	91.44	ug/l	99
3) Chloromethane	1.32	50	146447	87.67	ug/l	98
4) Vinyl Chloride	1.40	62	136302	83.09	ug/l	99
5) Bromomethane	1.64	94	49678	63.20	ug/l	99
6) Chloroethane	1.70	64	62367	63.78	ug/l	97
7) Trichlorofluoromethane	1.92	101	148863	71.14	ug/l	98
8) Diethyl Ether	2.19	74	66893	70.90	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	107777	84.57	ug/l	99
10) Methyl Iodide	2.51	142	157307	94.87	ug/l	99
11) Tert butyl alcohol	3.09	59	141049	368.80	ug/l	100
12) 1,1-Dichloroethene	2.37	96	103947	83.73	ug/l	97
13) Acrolein	2.29	56	120441	601.86	ug/l	99
14) Allyl chloride	2.72	41	188637	73.41	ug/l	99
15) Acrylonitrile	3.15	53	333420	359.90	ug/l	96
16) Acetone	2.45	43	328981	421.92	ug/l	99
17) Carbon Disulfide	2.56	76	298730	83.67	ug/l	99
18) Methyl Acetate	2.78	43	146928	65.16	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	366398	82.06	ug/l	92
20) Methylene Chloride	2.86	84	119036	79.14	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	113270	83.90	ug/l	95
22) Diisopropyl ether	3.88	45	371021	78.31	ug/l	94
23) Vinyl Acetate	3.82	43	1523582	374.85	ug/l	100
24) 1,1-Dichloroethane	3.70	63	204406	76.20	ug/l	99
25) 2-Butanone	4.71	43	595200	483.62	ug/l	100
26) 2,2-Dichloropropane	4.58	77	139634	82.86	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	132481	88.87	ug/l	99
28) Bromochloromethane	5.02	49	102789	91.65	ug/l	98
29) Tetrahydrofuran	5.17	42	306335	401.06	ug/l	100
30) Chloroform	5.22	83	215734	86.95	ug/l	98
31) Cyclohexane	5.57	56	196205	93.72	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	186113	91.63	ug/l	100
36) 1,1-Dichloropropene	5.80	75	166355	93.59	ug/l	100
37) Ethyl Acetate	4.87	43	179790	82.81	ug/l	99
38) Carbon Tetrachloride	5.78	117	169596	98.98	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	201293	106.36	ug/l	97
40) Benzene	6.15	78	503547	94.08	ug/l	99
41) Methacrylonitrile	5.07	41	99825	83.07	ug/l	99
42) 1,2-Dichloroethane	6.20	62	167033	88.77	ug/l	100
43) Isopropyl Acetate	6.47	43	287732	90.95	ug/l	100
44) Trichloroethene	7.21	130	135738	94.85	ug/l	98
45) 1,2-Dichloropropane	7.52	63	130861	94.30	ug/l	98
46) Dibromomethane	7.67	93	84637	94.29	ug/l	99
47) Bromodichloromethane	7.90	83	164616	98.20	ug/l	99
48) Methyl methacrylate	7.78	41	150688	93.84	ug/l	100
49) 1,4-Dioxane	7.76	88	69119	1916.31	ug/l	100
51) 4-Methyl-2-Pentanone	8.66	43	1213587	544.58	ug/l	100
52) Toluene	8.79	92	320955	96.46	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	188030	101.29	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	201873	99.08	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	130038	94.77	ug/l	98
56) Ethyl methacrylate	9.18	69	206236	101.52	ug/l	100
57) 1,3-Dichloropropane	9.38	76	215086	93.51	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	521053	507.76	ug/l	100
59) 2-Hexanone	9.50	43	946832	554.53	ug/l	100
60) Dibromochloromethane	9.59	129	137662	105.24	ug/l	99
61) 1,2-Dibromoethane	9.68	107	137860	96.24	ug/l	99
64) Tetrachloroethene	9.34	164	131023	96.64	ug/l	99
65) Chlorobenzene	10.14	112	363388	96.12	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	132908	100.66	ug/l	99
67) Ethyl Benzene	10.26	91	624902	99.93	ug/l	99
68) m/p-Xylenes	10.36	106	489074	203.46	ug/l	99
69) o-Xylene	10.70	106	235807	101.40	ug/l	100
70) Styrene	10.71	104	401185	102.58	ug/l	100
71) Bromoform	10.86	173	115194	109.49	ug/l	# 100
73) Isopropylbenzene	11.02	105	628536	98.08	ug/l	100
74) N-amyl acetate	6.47	43	287732	85.65	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	209457	87.27	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	179784m	89.77	ug/l	
77) Bromobenzene	11.26	156	170861	95.95	ug/l	98
78) n-propylbenzene	11.37	91	731805	99.26	ug/l	99
79) 2-Chlorotoluene	11.42	91	424716	93.72	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	542497	99.64	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	65563	101.97	ug/l	97
82) 4-Chlorotoluene	11.51	91	507872	95.20	ug/l	100
83) tert-Butylbenzene	11.77	119	540315	101.44	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	559571	99.68	ug/l	100
85) sec-Butylbenzene	11.95	105	638300	101.66	ug/l	100
86) p-Isopropyltoluene	12.07	119	585157	103.30	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	320288	97.12	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	325421	94.85	ug/l	100
89) n-Butylbenzene	12.39	91	513075	101.32	ug/l	100
90) Hexachloroethane	12.60	117	94575	108.48	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	324786	96.14	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	48868	97.27	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	247676	102.78	ug/l	99
94) Hexachlorobutadiene	13.79	225	112094	103.08	ug/l	98
95) Naphthalene	13.83	128	751395	103.12	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	250984	102.35	ug/l	100

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

