

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091218\
 Data File : VU026680.D
 Acq On : 11 Sep 2018 12:07
 Operator : MD/SY
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 9/13/2018 4:48:55 PM

Quant Time: Sep 12 05:24:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U091218W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 04:37:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	108901	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	166104	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	164288	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	104091	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	165950	100.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	200.92%	
35) Dibromofluoromethane	4.88	113	138315	102.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	204.16%	
50) Toluene-d8	7.57	98	517673	103.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	206.60%	
62) 4-Bromofluorobenzene	10.31	95	197572	108.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	217.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	116480	99.00	ug/l	100
3) Chloromethane	1.32	50	153677	93.49	ug/l	99
4) Vinyl Chloride	1.40	62	170568	100.13	ug/l	99
5) Bromomethane	1.60	94	94513	88.58	ug/l	100
6) Chloroethane	1.68	64	104313	96.22	ug/l	98
7) Trichlorofluoromethane	1.87	101	221107	99.29	ug/l	100
8) Diethyl Ether	2.10	74	96675	99.07	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.28	101	130462	98.65	ug/l	99
10) Methyl Iodide	2.40	142	129129	129.59	ug/l	99
11) Tert butyl alcohol	2.84	59	186997	464.40	ug/l	100
12) 1,1-Dichloroethene	2.28	96	124446	99.54	ug/l	98
13) Acrolein	2.19	56	126434	465.94	ug/l	99
14) Allyl chloride	2.59	41	251286	111.59	ug/l	90
15) Acrylonitrile	2.94	53	445720	516.15	ug/l	100
16) Acetone	2.32	43	417419	446.30	ug/l	100
17) Carbon Disulfide	2.47	76	384974	96.78	ug/l	99
18) Methyl Acetate	2.61	43	203996	101.09	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	440656	102.36	ug/l	98
20) Methylene Chloride	2.70	84	147819	97.44	ug/l	100
21) trans-1,2-Dichloroethene	2.98	96	134761	102.32	ug/l	99
22) Diisopropyl ether	3.57	45	488114	103.86	ug/l	99
23) Vinyl Acetate	3.52	43	2148460	538.18	ug/l	100
24) 1,1-Dichloroethane	3.44	63	268898	101.43	ug/l	100
25) 2-Butanone	4.26	43	634261	503.43	ug/l	100
26) 2,2-Dichloropropane	4.23	77	219054	100.52	ug/l	98
27) cis-1,2-Dichloroethene	4.22	96	155023	102.12	ug/l	99
28) Bromochloromethane	4.55	49	122444	96.59	ug/l	99
29) Tetrahydrofuran	4.64	42	391335	515.20	ug/l	100
30) Chloroform	4.67	83	259836	99.67	ug/l	98
31) Cyclohexane	5.00	56	239908	87.44	ug/l	99
32) 1,1,1-Trichloroethane	4.92	97	222347	103.01	ug/l	99
36) 1,1-Dichloropropene	5.14	75	198140	106.25	ug/l	100
37) Ethyl Acetate	4.38	43	226523	101.01	ug/l	100
38) Carbon Tetrachloride	5.13	117	199579	101.29	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	240545	108.63	ug/l	99
40) Benzene	5.39	78	591776	102.18	ug/l	99
41) Methacrylonitrile	4.54	41	128503	110.40	ug/l	100
42) 1,2-Dichloroethane	5.40	62	208613	101.01	ug/l	100
43) Isopropyl Acetate	5.55	43	365744	107.11	ug/l	99
44) Trichloroethene	6.19	130	149242	104.12	ug/l	99
45) 1,2-Dichloropropane	6.43	63	163872	104.08	ug/l	98
46) Dibromomethane	6.56	93	106406	104.73	ug/l	98
47) Bromodichloromethane	6.76	83	208096	104.01	ug/l	99
48) Methyl methacrylate	6.62	41	187866	111.49	ug/l	99
49) 1,4-Dioxane	6.62	88	84392	2160.78	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	1242802	544.11	ug/l	100
52) Toluene	7.64	92	366936	106.36	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	242472	109.26	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	256287	107.55	ug/l	100
55) 1,1,2-Trichloroethane	8.07	97	152222	102.98	ug/l	99
56) Ethyl methacrylate	8.02	69	251304	116.44	ug/l	99
57) 1,3-Dichloropropane	8.24	76	265806	105.51	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.13	63	594455	558.73	ug/l	100
59) 2-Hexanone	8.37	43	986250	548.66	ug/l	100
60) Dibromochloromethane	8.48	129	169598	105.94	ug/l	98
61) 1,2-Dibromoethane	8.59	107	167268	104.30	ug/l	99
64) Tetrachloroethene	8.23	164	129151	98.77	ug/l	98
65) Chlorobenzene	9.12	112	415020	101.68	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	152449	101.51	ug/l	98
67) Ethyl Benzene	9.25	91	723654	107.63	ug/l	100
68) m/p-Xylenes	9.38	106	561881	219.68	ug/l	100
69) o-Xylene	9.78	106	273485	109.76	ug/l	100
70) Styrene	9.79	104	462652	113.43	ug/l	99
71) Bromoform	9.96	173	144780	110.85	ug/l #	98
73) Isopropylbenzene	10.17	105	734436	103.54	ug/l	100
74) N-amyl acetate	10.02	43	369847	110.44	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.46	83	275548	95.32	ug/l	100
76) 1,2,3-Trichloropropane	10.50	75	223178m	84.29	ug/l	
77) Bromobenzene	10.46	156	192205	99.70	ug/l	99
78) n-propylbenzene	10.59	91	890240	107.91	ug/l	99
79) 2-Chlorotoluene	10.66	91	519249	101.53	ug/l	100
80) 1,3,5-Trimethylbenzene	10.77	105	632938	106.16	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	86444m	72.98	ug/l	
82) 4-Chlorotoluene	10.77	91	613936	106.85	ug/l	100
83) tert-Butylbenzene	11.10	119	639361	105.67	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	652279	108.47	ug/l	99
85) sec-Butylbenzene	11.33	105	785489	109.32	ug/l	100
86) p-Isopropyltoluene	11.48	119	698934	111.55	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	358734	99.75	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	360983	96.65	ug/l	100
89) n-Butylbenzene	11.89	91	647097	117.88	ug/l	99
90) Hexachloroethane	12.15	117	129620	102.23	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	360434	99.63	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	62009	106.99	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	260587	108.46	ug/l	100
94) Hexachlorobutadiene	13.69	225	126721	102.53	ug/l	98
95) Naphthalene	13.74	128	828665	113.86	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	265730	105.91	ug/l	99

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

