

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101118\
 Data File : VU027586.D
 Acq On : 11 Oct 2018 09:55
 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
 10/16/2018 2:22:53 PM

Quant Time: Oct 12 09:34:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U101118W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 11 10:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	122106	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	208500	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	193391	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	102759	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	186957	96.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	193.48%	
35) Dibromofluoromethane	4.88	113	135140	96.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	192.76%	
50) Toluene-d8	7.57	98	528474	100.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	201.56%	
62) 4-Bromofluorobenzene	10.31	95	199073	110.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	220.66%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	129306	95.63	ug/l	99
3) Chloromethane	1.33	50	202922	96.34	ug/l	100
4) Vinyl Chloride	1.40	62	195991	100.13	ug/l	100
5) Bromomethane	1.60	94	105046	99.74	ug/l	99
6) Chloroethane	1.68	64	115156	83.07	ug/l	96
7) Trichlorofluoromethane	1.88	101	210728	94.81	ug/l	98
8) Diethyl Ether	2.10	74	97499	98.49	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.28	101	126485	98.17	ug/l	99
10) Methyl Iodide	2.41	142	157832	134.17	ug/l	99
11) Tert butyl alcohol	2.84	59	232803	511.38	ug/l	99
12) 1,1-Dichloroethene	2.28	96	123663	98.01	ug/l	99
13) Acrolein	2.20	56	186524	515.50	ug/l	98
14) Allyl chloride	2.59	41	328193	111.32	ug/l	90
15) Acrylonitrile	2.94	53	565902	524.69	ug/l	99
16) Acetone	2.32	43	510143	416.81	ug/l	100
17) Carbon Disulfide	2.47	76	430052	100.34	ug/l	100
18) Methyl Acetate	2.62	43	282165	96.55	ug/l	100
19) Methyl tert-butyl Ether	3.00	73	496103	104.16	ug/l	99
20) Methylene Chloride	2.70	84	156866	94.25	ug/l	96
21) trans-1,2-Dichloroethene	2.98	96	139569	100.78	ug/l	98
22) Diisopropyl ether	3.58	45	591637	102.05	ug/l	99
23) Vinyl Acetate	3.53	43	2609736	545.06	ug/l	99
24) 1,1-Dichloroethane	3.45	63	307511	99.17	ug/l	100
25) 2-Butanone	4.27	43	831914	513.88	ug/l	98
26) 2,2-Dichloropropane	4.23	77	240240	95.33	ug/l	100
27) cis-1,2-Dichloroethene	4.23	96	158739	105.09	ug/l	99
28) Bromochloromethane	4.55	49	152145	99.35	ug/l	98
29) Tetrahydrofuran	4.64	42	531603	528.61	ug/l	99
30) Chloroform	4.67	83	272715	98.96	ug/l	100
31) Cyclohexane	5.00	56	289763	78.24	ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	233312	100.92	ug/l	99
36) 1,1-Dichloropropene	5.14	75	215876	103.56	ug/l	99
37) Ethyl Acetate	4.38	43	298289	108.23	ug/l	99
38) Carbon Tetrachloride	5.13	117	197603	102.30	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	255587	111.66	ug/l	98
40) Benzene	5.39	78	632681	98.65	ug/l	99
41) Methacrylonitrile	4.54	41	166398	111.69	ug/l	99
42) 1,2-Dichloroethane	5.40	62	234975	99.06	ug/l	99
43) Isopropyl Acetate	5.55	43	463656	109.45	ug/l	100
44) Trichloroethene	6.19	130	144017	103.43	ug/l	99
45) 1,2-Dichloropropane	6.43	63	182277	100.76	ug/l	97
46) Dibromomethane	6.56	93	106712	99.77	ug/l	98
47) Bromodichloromethane	6.76	83	217046	101.37	ug/l	100
48) Methyl methacrylate	6.62	41	239118	118.01	ug/l	99
49) 1,4-Dioxane	6.62	88	89563	2228.99	ug/l	98
51) 4-Methyl-2-Pentanone	7.46	43	1553645	546.94	ug/l	99
52) Toluene	7.64	92	380112	106.46	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	265639	113.96	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	277204	106.79	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	151285	100.78	ug/l	99
56) Ethyl methacrylate	8.02	69	275679	122.78	ug/l	98
57) 1,3-Dichloropropane	8.24	76	290015	102.22	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	772636	583.25	ug/l	99
59) 2-Hexanone	8.37	43	1243411	567.95	ug/l	99
60) Dibromochloromethane	8.48	129	159052	109.43	ug/l	99
61) 1,2-Dibromoethane	8.59	107	162012	103.59	ug/l	99
64) Tetrachloroethene	8.23	164	120350	100.17	ug/l	99
65) Chlorobenzene	9.12	112	400664	100.09	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	142976	106.91	ug/l	98
67) Ethyl Benzene	9.25	91	740829	111.97	ug/l	100
68) m/p-Xylenes	9.38	106	547773	228.65	ug/l	98
69) o-Xylene	9.78	106	266411	114.66	ug/l	99
70) Styrene	9.79	104	450942	120.62	ug/l	99
71) Bromoform	9.96	173	123820	115.17	ug/l #	100
73) Isopropylbenzene	10.17	105	715285	105.40	ug/l	99
74) N-amyl acetate	10.02	43	441684	113.50	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	277557	90.18	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	237937m	79.93	ug/l	
77) Bromobenzene	10.45	156	167302	98.49	ug/l	98
78) n-propylbenzene	10.59	91	880778	107.51	ug/l	99
79) 2-Chlorotoluene	10.66	91	509579	98.49	ug/l	100
80) 1,3,5-Trimethylbenzene	10.77	105	604917	109.29	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	111005m	45.04	ug/l	
82) 4-Chlorotoluene	10.77	91	601828	107.27	ug/l	98
83) tert-Butylbenzene	11.10	119	586914	106.34	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	624179	112.77	ug/l	99
85) sec-Butylbenzene	11.32	105	739475	112.83	ug/l	99
86) p-Isopropyltoluene	11.48	119	644719	114.47	ug/l	100
87) 1,3-Dichlorobenzene	11.42	146	316904	101.50	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	320638	94.87	ug/l	100
89) n-Butylbenzene	11.89	91	618876	123.38	ug/l	99
90) Hexachloroethane	12.15	117	115109	102.11	ug/l	100
91) 1,2-Dichlorobenzene	11.88	146	318974	100.86	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	66393	103.59	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	217790	125.28	ug/l	100
94) Hexachlorobutadiene	13.69	225	103484	102.90	ug/l	99
95) Naphthalene	13.74	128	762916	132.35	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	224085	111.72	ug/l	99

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

