

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU112818\
 Data File : VU028368.D
 Acq On : 28 Nov 2018 16:07
 Operator : MD/SY
 Sample : VU1128WBS01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1128WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/29/2018 1:23:17 PM

Quant Time: Nov 29 06:44:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U112818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 29 01:04:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	228724	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	417847	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	380114	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	172395	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	197038	51.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.10%	
35) Dibromofluoromethane	4.88	113	135592	48.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.60%	
50) Toluene-d8	7.56	98	535830	48.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.44%	
62) 4-Bromofluorobenzene	10.30	95	192357	48.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.06%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.21	85	61870	20.164	ug/l	99
3) Chloromethane	1.33	50	119901	20.160	ug/l	100
4) Vinyl Chloride	1.40	62	83404	20.044	ug/l	100
5) Bromomethane	1.61	94	29490	18.324	ug/l	97
6) Chloroethane	1.69	64	48794	20.378	ug/l	95
7) Trichlorofluoromethane	1.88	101	87947	20.347	ug/l	96
8) Diethyl Ether	2.10	74	39622	19.720	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.28	101	50126	19.908	ug/l	99
10) Methyl Iodide	2.41	142	52981	22.314	ug/l	99
11) Tert butyl alcohol	2.83	59	85774	98.771	ug/l	98
12) 1,1-Dichloroethene	2.28	96	49594	20.297	ug/l	97
13) Acrolein	2.19	56	73222	94.843	ug/l	96
14) Allyl chloride	2.59	41	125363	19.637	ug/l	98
15) Acrylonitrile	2.94	53	246391	107.260	ug/l	99
16) Acetone	2.32	43	213908	91.478	ug/l	100
17) Carbon Disulfide	2.48	76	182790	19.490	ug/l	98
18) Methyl Acetate	2.61	43	135447	20.804	ug/l	100
19) Methyl tert-butyl Ether	3.00	73	206272	20.591	ug/l	99
20) Methylene Chloride	2.70	84	66221	20.034	ug/l	97
21) trans-1,2-Dichloroethene	2.98	96	57672	20.352	ug/l	96
22) Diisopropyl ether	3.57	45	257960	20.524	ug/l	98
23) Vinyl Acetate	3.52	43	1080292	103.403	ug/l	99
24) 1,1-Dichloroethane	3.44	63	128282	20.701	ug/l	99
25) 2-Butanone	4.26	43	343447	102.484	ug/l	100
26) 2,2-Dichloropropane	4.22	77	95169	19.338	ug/l	100
27) cis-1,2-Dichloroethene	4.22	96	65553	19.560	ug/l	99
28) Bromochloromethane	4.55	49	67229	21.697	ug/l	99
29) Tetrahydrofuran	4.64	42	235261	108.124	ug/l	99
30) Chloroform	4.67	83	115427	20.180	ug/l	99
31) Cyclohexane	4.99	56	132919	20.668	ug/l	97
32) 1,1,1-Trichloroethane	4.91	97	94205	20.525	ug/l	99
36) 1,1-Dichloropropene	5.13	75	85055	18.602	ug/l	97
37) Ethyl Acetate	4.38	43	128301	20.590	ug/l	98
38) Carbon Tetrachloride	5.13	117	71770	19.114	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.41	83	102983	19.103	ug/l	98
40) Benzene	5.39	78	271164	20.023	ug/l	100
41) Methacrylonitrile	4.54	41	72921	21.073	ug/l	98
42) 1,2-Dichloroethane	5.40	62	96520	19.784	ug/l	99
43) Isopropyl Acetate	5.55	43	205356	20.797	ug/l	100
44) Trichloroethene	6.19	130	56813	19.571	ug/l	98
45) 1,2-Dichloropropane	6.43	63	79309	19.998	ug/l	99
46) Dibromomethane	6.56	93	45383	19.923	ug/l	99
47) Bromodichloromethane	6.76	83	86832	19.164	ug/l	99
48) Methyl methacrylate	6.62	41	102555	19.939	ug/l	99
49) 1,4-Dioxane	6.61	88	31128	378.829	ug/l	98
51) 4-Methyl-2-Pentanone	7.46	43	642179	101.827	ug/l	99
52) Toluene	7.64	92	158166	20.282	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	102718	18.959	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	111476	19.206	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	63433	19.544	ug/l	98
56) Ethyl methacrylate	8.02	69	109485	19.829	ug/l	97
57) 1,3-Dichloropropane	8.24	76	116369	19.552	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.13	63	294651	99.397	ug/l	100
59) 2-Hexanone	8.36	43	488647	100.029	ug/l	100
60) Dibromochloromethane	8.48	129	58167	18.844	ug/l	99
61) 1,2-Dibromoethane	8.58	107	66261	19.933	ug/l	98
64) Tetrachloroethene	8.22	164	48259	19.301	ug/l	98
65) Chlorobenzene	9.12	112	156558	19.836	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	53538	19.789	ug/l	99
67) Ethyl Benzene	9.25	91	296857	19.970	ug/l	98
68) m/p-Xylenes	9.37	106	215703	40.314	ug/l	99
69) o-Xylene	9.78	106	105086	19.757	ug/l	98
70) Styrene	9.79	104	171627	20.007	ug/l	100
71) Bromoform	9.96	173	43625	19.184	ug/l #	98
73) Isopropylbenzene	10.16	105	276633	20.632	ug/l	98
74) N-amyl acetate	10.01	43	176808	21.047	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	114575	20.780	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	100846m	21.095	ug/l	
77) Bromobenzene	10.45	156	62132	19.666	ug/l	97
78) n-propylbenzene	10.58	91	341951	20.674	ug/l	99
79) 2-Chlorotoluene	10.66	91	201919	20.708	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	230351	20.387	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	34495m	19.154	ug/l	
82) 4-Chlorotoluene	10.77	91	228611	20.349	ug/l	100
83) tert-Butylbenzene	11.10	119	222354	21.111	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	237577	20.759	ug/l	98
85) sec-Butylbenzene	11.32	105	281898	20.606	ug/l	100
86) p-Isopropyltoluene	11.48	119	232363	20.657	ug/l	100
87) 1,3-Dichlorobenzene	11.41	146	112805	19.576	ug/l	98
88) 1,4-Dichlorobenzene	11.51	146	111344	19.200	ug/l	95
89) n-Butylbenzene	11.89	91	219328	19.756	ug/l	99
90) Hexachloroethane	12.14	117	34313	19.538	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	117291	20.402	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	26021	21.217	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	72147	19.172	ug/l	99
94) Hexachlorobutadiene	13.69	225	34496	19.413	ug/l	95
95) Naphthalene	13.74	128	271942	20.515	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	76847	20.191	ug/l	99

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

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