

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011219\
 Data File : VU029146.D
 Acq On : 11 Jan 2019 17:05
 Operator : JC/SP
 Sample : VU0112WBSD01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0112WBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/14/2019 10:59:06 AM

Quant Time: Jan 11 23:55:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 04 02:22:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	174642	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	282628	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	266883	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	130564	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	119111	55.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.34%	
35) Dibromofluoromethane	4.88	113	98302	53.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.32%	
50) Toluene-d8	7.56	98	380023	52.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.08%	
62) 4-Bromofluorobenzene	10.30	95	129916	49.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	34256	19.779	ug/l	96
3) Chloromethane	1.33	50	48968	17.257	ug/l	99
4) Vinyl Chloride	1.40	62	49108	19.241	ug/l	98
5) Bromomethane	1.62	94	27628	19.182	ug/l	99
6) Chloroethane	1.69	64	30231	19.885	ug/l	97
7) Trichlorofluoromethane	1.88	101	55208	19.851	ug/l	99
8) Diethyl Ether	2.10	74	26353	19.723	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.29	101	37483	20.143	ug/l	98
10) Methyl Iodide	2.41	142	29835	17.051	ug/l	97
11) Tert butyl alcohol	2.83	59	50857	92.675	ug/l	99
12) 1,1-Dichloroethene	2.28	96	34913	19.275	ug/l	98
13) Acrolein	2.19	56	38824	94.218	ug/l	100
14) Allyl chloride	2.59	41	60251	18.129	ug/l	90
15) Acrylonitrile	2.94	53	139339	103.497	ug/l	99
16) Acetone	2.32	43	132983	97.779	ug/l	99
17) Carbon Disulfide	2.48	76	110544	18.075	ug/l	99
18) Methyl Acetate	2.61	43	68623	21.700	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	126833	19.917	ug/l	100
20) Methylene Chloride	2.70	84	44890	19.440	ug/l	97
21) trans-1,2-Dichloroethene	2.98	96	40446	19.220	ug/l	99
22) Diisopropyl ether	3.57	45	136915	20.845	ug/l	94
23) Vinyl Acetate	3.52	43	542292	100.993	ug/l	100
24) 1,1-Dichloroethane	3.45	63	77867	20.536	ug/l	99
25) 2-Butanone	4.26	43	189582	103.206	ug/l	99
26) 2,2-Dichloropropane	4.22	77	63910	20.860	ug/l	100
27) cis-1,2-Dichloroethene	4.22	96	45922	19.952	ug/l	98
28) Bromochloromethane	4.55	49	36679	22.591	ug/l	96
29) Tetrahydrofuran	4.64	42	116292	104.380	ug/l	98
30) Chloroform	4.67	83	75867	21.007	ug/l	100
31) Cyclohexane	4.99	56	72190	19.484	ug/l	99
32) 1,1,1-Trichloroethane	4.91	97	61295	20.540	ug/l	98
36) 1,1-Dichloropropene	5.13	75	55899	19.787	ug/l	98
37) Ethyl Acetate	4.38	43	65215	21.031	ug/l	99
38) Carbon Tetrachloride	5.13	117	50006	21.223	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.41	83	65470	18.851	ug/l	99
40) Benzene	5.39	78	179273	20.344	ug/l	99
41) Methacrylonitrile	4.54	41	35302	21.268	ug/l	99
42) 1,2-Dichloroethane	5.40	62	57489	21.711	ug/l	99
43) Isopropyl Acetate	5.55	43	99895	21.001	ug/l	97
44) Trichloroethene	6.18	130	42768	19.588	ug/l	99
45) 1,2-Dichloropropane	6.43	63	48090	20.666	ug/l	100
46) Dibromomethane	6.56	93	31161	20.947	ug/l	98
47) Bromodichloromethane	6.76	83	58325	21.295	ug/l	98
48) Methyl methacrylate	6.62	41	48537	20.956	ug/l	99
49) 1,4-Dioxane	6.61	88	21755	396.339	ug/l	98
51) 4-Methyl-2-Pentanone	7.46	43	341157	105.385	ug/l	98
52) Toluene	7.64	92	108293	20.187	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	65079	19.780	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	71766	20.186	ug/l	97
55) 1,1,2-Trichloroethane	8.06	97	45250	21.055	ug/l	96
56) Ethyl methacrylate	8.02	69	64580	19.505	ug/l	96
57) 1,3-Dichloropropane	8.24	76	76685	20.853	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.12	63	143006	98.214	ug/l	98
59) 2-Hexanone	8.36	43	265893	104.636	ug/l	98
60) Dibromochloromethane	8.48	129	43043	20.216	ug/l	96
61) 1,2-Dibromoethane	8.58	107	47795	20.506	ug/l	99
64) Tetrachloroethene	8.22	164	38010	19.771	ug/l	98
65) Chlorobenzene	9.12	112	115065	19.234	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	39786	20.494	ug/l	99
67) Ethyl Benzene	9.25	91	194560	19.480	ug/l	100
68) m/p-Xylenes	9.37	106	149977	38.647	ug/l	100
69) o-Xylene	9.78	106	73298	19.602	ug/l	99
70) Styrene	9.79	104	118026	19.254	ug/l	98
71) Bromoform	9.96	173	33988	19.662	ug/l #	99
73) Isopropylbenzene	10.16	105	189964	19.657	ug/l	100
74) N-amyl acetate	10.01	43	83312	20.006	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.46	83	78514	20.271	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	64520m	20.169	ug/l	
77) Bromobenzene	10.45	156	49449	19.635	ug/l	99
78) n-propylbenzene	10.58	91	226524	19.890	ug/l	99
79) 2-Chlorotoluene	10.66	91	136358	19.737	ug/l	100
80) 1,3,5-Trimethylbenzene	10.77	105	160214	19.852	ug/l	98
81) trans-1,4-Dichloro-2-buten	10.51	75	20103m	16.207	ug/l	
82) 4-Chlorotoluene	10.77	91	151793	19.161	ug/l	98
83) tert-Butylbenzene	11.10	119	151719	19.074	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	158691	19.695	ug/l	100
85) sec-Butylbenzene	11.32	105	192255	19.985	ug/l	100
86) p-Isopropyltoluene	11.48	119	162407	19.812	ug/l	98
87) 1,3-Dichlorobenzene	11.41	146	86939	18.820	ug/l	100
88) 1,4-Dichlorobenzene	11.50	146	88721	18.607	ug/l	98
89) n-Butylbenzene	11.89	91	145821	19.931	ug/l	99
90) Hexachloroethane	12.14	117	26381	19.130	ug/l	97
91) 1,2-Dichlorobenzene	11.88	146	88827	19.091	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	15273	20.502	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	54692	18.414	ug/l	99
94) Hexachlorobutadiene	13.69	225	28264	20.805	ug/l	100
95) Naphthalene	13.74	128	178257	17.643	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	59612	19.969	ug/l	96

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

