

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112718\
 Data File : VU028348.D
 Acq On : 27 Nov 2018 20:13
 Operator : MD/SY
 Sample : VU1127WBS02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1127WBS02

Manual Integrations
 APPROVED

sam
 11/28/2018 5:25:11 PM

Quant Time: Nov 28 05:04:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 02 02:28:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	197767	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	357538	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	330309	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	153939	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	182724	62.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	124.28%	
35) Dibromofluoromethane	4.88	113	125452	55.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.30%	
50) Toluene-d8	7.57	98	483036	55.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.94%	
62) 4-Bromofluorobenzene	10.30	95	174947	54.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	42028	16.72	ug/l	100
3) Chloromethane	1.33	50	93653	30.81	ug/l	98
4) Vinyl Chloride	1.40	62	65545	21.73	ug/l	97
5) Bromomethane	1.61	94	24973	22.46	ug/l	99
6) Chloroethane	1.69	64	41184	23.69	ug/l	97
7) Trichlorofluoromethane	1.88	101	74654	21.42	ug/l	98
8) Diethyl Ether	2.10	74	36625	24.54	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.28	101	44260	21.37	ug/l	99
10) Methyl Iodide	2.41	142	40299	25.66	ug/l	100
11) Tert butyl alcohol	2.83	59	90579	116.37	ug/l	98
12) 1,1-Dichloroethene	2.28	96	42569	20.54	ug/l	94
13) Acrolein	2.20	56	18091	57.96	ug/l	97
14) Allyl chloride	2.59	41	113559	22.42	ug/l	99
15) Acrylonitrile	2.94	53	227905	119.19	ug/l	99
16) Acetone	2.32	43	219391	120.26	ug/l	99
17) Carbon Disulfide	2.48	76	142707	21.06	ug/l	99
18) Methyl Acetate	2.61	43	127830	25.47	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	186481	22.31	ug/l	99
20) Methylene Chloride	2.70	84	78236	29.37	ug/l	94
21) trans-1,2-Dichloroethene	2.98	96	49492	20.69	ug/l	91
22) Diisopropyl ether	3.57	45	239463	22.90	ug/l	97
23) Vinyl Acetate	3.52	43	989019	110.03	ug/l	99
24) 1,1-Dichloroethane	3.44	63	117688	22.59	ug/l	99
25) 2-Butanone	4.26	43	342982	118.18	ug/l	100
26) 2,2-Dichloropropane	4.23	77	88387	22.61	ug/l	98
27) cis-1,2-Dichloroethene	4.22	96	60362	22.50	ug/l	96
28) Bromochloromethane	4.55	49	63476	25.99	ug/l	94
29) Tetrahydrofuran	4.64	42	217302	112.13	ug/l	99
30) Chloroform	4.67	83	107140	22.43	ug/l	97
31) Cyclohexane	4.99	56	110375	20.60	ug/l	96
32) 1,1,1-Trichloroethane	4.91	97	85802	22.57	ug/l	97
36) 1,1-Dichloropropene	5.13	75	76518	20.43	ug/l	98
37) Ethyl Acetate	4.38	43	117599	21.43	ug/l	99
38) Carbon Tetrachloride	5.13	117	66763	20.12	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.41	83	87552	19.39	ug/l	93
40) Benzene	5.39	78	245027	21.40	ug/l	99
41) Methacrylonitrile	4.54	41	66817	22.82	ug/l	99
42) 1,2-Dichloroethane	5.40	62	88094	21.65	ug/l	98
43) Isopropyl Acetate	5.55	43	188368	21.91	ug/l	99
44) Trichloroethene	6.18	130	50259	20.42	ug/l	94
45) 1,2-Dichloropropane	6.43	63	73809	22.35	ug/l	98
46) Dibromomethane	6.56	93	42123	22.19	ug/l	93
47) Bromodichloromethane	6.76	83	81245	22.21	ug/l	100
48) Methyl methacrylate	6.62	41	94732	22.49	ug/l	96
49) 1,4-Dioxane	6.61	88	33564	488.38	ug/l	96
51) 4-Methyl-2-Pentanone	7.46	43	634492	110.52	ug/l	98
52) Toluene	7.64	92	139330	20.70	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	91718	20.89	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	99815	22.14	ug/l	99
55) 1,1,2-Trichloroethane	8.06	97	58767	21.46	ug/l	98
56) Ethyl methacrylate	8.02	69	100331	20.78	ug/l	96
57) 1,3-Dichloropropane	8.24	76	107803	21.61	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.12	63	280730	108.55	ug/l	98
59) 2-Hexanone	8.36	43	487268	109.74	ug/l	99
60) Dibromochloromethane	8.48	129	55141	21.28	ug/l	98
61) 1,2-Dibromoethane	8.58	107	59330	20.39	ug/l	95
64) Tetrachloroethene	8.22	164	43205	20.17	ug/l	94
65) Chlorobenzene	9.12	112	141652	20.30	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	49054	20.58	ug/l	99
67) Ethyl Benzene	9.25	91	263015	20.48	ug/l	98
68) m/p-Xylenes	9.37	106	186635	40.04	ug/l	97
69) o-Xylene	9.78	106	95771	20.35	ug/l	100
70) Styrene	9.79	104	152855	20.33	ug/l	99
71) Bromoform	9.96	173	41473	20.76	ug/l	# 99
73) Isopropylbenzene	10.16	105	249827	20.95	ug/l	100
74) N-amyl acetate	10.01	43	156204	21.66	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	107546	22.36	ug/l	97
76) 1,2,3-Trichloropropane	10.49	75	86772m	20.61	ug/l	
77) Bromobenzene	10.45	156	57479	21.02	ug/l	95
78) n-propylbenzene	10.58	91	303097	21.23	ug/l	97
79) 2-Chlorotoluene	10.66	91	182311	21.31	ug/l	98
80) 1,3,5-Trimethylbenzene	10.77	105	208463	21.10	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	32252m	19.29	ug/l	
82) 4-Chlorotoluene	10.77	91	203093	20.91	ug/l	99
83) tert-Butylbenzene	11.10	119	198677	20.12	ug/l	97
84) 1,2,4-Trimethylbenzene	11.15	105	210188	21.13	ug/l	99
85) sec-Butylbenzene	11.32	105	251721	20.96	ug/l	98
86) p-Isopropyltoluene	11.48	119	203243	20.24	ug/l	97
87) 1,3-Dichlorobenzene	11.41	146	104205	20.63	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	102849	19.86	ug/l	98
89) n-Butylbenzene	11.89	91	193302	20.26	ug/l	99
90) Hexachloroethane	12.14	117	30802	17.23	ug/l	96
91) 1,2-Dichlorobenzene	11.88	146	105609	20.79	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	23931	23.61	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	62369	17.95	ug/l	99
94) Hexachlorobutadiene	13.69	225	30208	18.71	ug/l	98
95) Naphthalene	13.74	128	242005	19.05	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	67669	19.85	ug/l	99

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

