

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111218\
 Data File : VU028059.D
 Acq On : 12 Nov 2018 12:56
 Operator : MD/SY
 Sample : VU1112WBSD01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1112WBSD01

Quant Time: Nov 13 03:04:44 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	166559	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	290898	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	263121	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	123199	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	140010	56.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.08%	
35) Dibromofluoromethane	4.88	113	99021	53.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.98%	
50) Toluene-d8	7.57	98	387655	54.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.42%	
62) 4-Bromofluorobenzene	10.31	95	138574	53.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	34867	16.474	ug/l	95
3) Chloromethane	1.33	50	55157	21.549	ug/l	97
4) Vinyl Chloride	1.40	62	51680	20.343	ug/l	100
5) Bromomethane	1.61	94	25477	26.721	ug/l	99
6) Chloroethane	1.69	64	31841	21.749	ug/l	98
7) Trichlorofluoromethane	1.88	101	60748	20.693	ug/l	95
8) Diethyl Ether	2.11	74	26980	21.464	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.29	101	37898	21.732	ug/l	98
10) Methyl Iodide	2.41	142	37165	27.363	ug/l	99
11) Tert butyl alcohol	2.83	59	70768	107.950	ug/l	100
12) 1,1-Dichloroethene	2.28	96	35597	20.392	ug/l	97
13) Acrolein	2.20	56	16579	63.689	ug/l	96
14) Allyl chloride	2.59	41	84738	19.862	ug/l	99
15) Acrylonitrile	2.94	53	175084	108.725	ug/l	99
16) Acetone	2.32	43	171675	111.739	ug/l	99
17) Carbon Disulfide	2.48	76	109584	19.206	ug/l	99
18) Methyl Acetate	2.62	43	94046	22.252	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	150113	21.324	ug/l	99
20) Methylene Chloride	2.70	84	48434	21.591	ug/l	97
21) trans-1,2-Dichloroethene	2.98	96	39921	19.817	ug/l	98
22) Diisopropyl ether	3.57	45	190771	21.659	ug/l	96
23) Vinyl Acetate	3.53	43	813538	107.470	ug/l	99
24) 1,1-Dichloroethane	3.45	63	93286	21.263	ug/l	98
25) 2-Butanone	4.26	43	266837	109.168	ug/l	99
26) 2,2-Dichloropropane	4.23	77	70489	21.409	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	48917	21.654	ug/l	98
28) Bromochloromethane	4.55	49	45247	21.999	ug/l	98
29) Tetrahydrofuran	4.64	42	170535	104.486	ug/l	99
30) Chloroform	4.67	83	83115	20.661	ug/l	94
31) Cyclohexane	5.00	56	90220	19.939	ug/l	97
32) 1,1,1-Trichloroethane	4.92	97	68610	21.426	ug/l	99
36) 1,1-Dichloropropene	5.14	75	60849	19.972	ug/l	99
37) Ethyl Acetate	4.38	43	93994	21.056	ug/l	100
38) Carbon Tetrachloride	5.14	117	56629	20.974	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	74356	20.235	ug/l	99
40) Benzene	5.39	78	194253	20.854	ug/l	100
41) Methacrylonitrile	4.54	41	53155	22.312	ug/l	99
42) 1,2-Dichloroethane	5.41	62	70239	21.214	ug/l	99
43) Isopropyl Acetate	5.55	43	147915	21.149	ug/l	99
44) Trichloroethene	6.19	130	41639	20.796	ug/l	93
45) 1,2-Dichloropropane	6.43	63	58311	21.706	ug/l	98
46) Dibromomethane	6.56	93	33107	21.441	ug/l	96
47) Bromodichloromethane	6.76	83	63368	21.295	ug/l	99
48) Methyl methacrylate	6.62	41	74497	21.736	ug/l	98
49) 1,4-Dioxane	6.61	88	29373	525.303	ug/l	94
51) 4-Methyl-2-Pentanone	7.46	43	496111	106.217	ug/l	99
52) Toluene	7.64	92	113815	20.784	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	71830	20.148	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	78871	21.500	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	47660	21.392	ug/l	95
56) Ethyl methacrylate	8.02	69	82609	21.026	ug/l	97
57) 1,3-Dichloropropane	8.24	76	86929	21.420	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.13	63	215720	102.516	ug/l	100
59) 2-Hexanone	8.36	43	390246	108.027	ug/l	98
60) Dibromochloromethane	8.48	129	44812	21.256	ug/l	97
61) 1,2-Dibromoethane	8.59	107	49858	21.061	ug/l	100
64) Tetrachloroethene	8.23	164	38760	22.718	ug/l	99
65) Chlorobenzene	9.12	112	115289	20.739	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	41537	21.876	ug/l	99
67) Ethyl Benzene	9.25	91	217105	21.217	ug/l	100
68) m/p-Xylenes	9.38	106	157059	42.303	ug/l	98
69) o-Xylene	9.78	106	78461	20.928	ug/l	97
70) Styrene	9.79	104	126425	21.105	ug/l	100
71) Bromoform	9.96	173	33078	20.787	ug/l #	99
73) Isopropylbenzene	10.17	105	211674	22.179	ug/l	100
74) N-amyl acetate	10.01	43	132629	22.981	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	85587	22.232	ug/l	98
76) 1,2,3-Trichloropropane	10.49	75	73383m	21.776	ug/l	
77) Bromobenzene	10.45	156	48970	22.376	ug/l	98
78) n-propylbenzene	10.59	91	249711	21.858	ug/l	99
79) 2-Chlorotoluene	10.66	91	147838	21.589	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	176308	22.300	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	27775m	20.734	ug/l	
82) 4-Chlorotoluene	10.77	91	166282	21.389	ug/l	99
83) tert-Butylbenzene	11.10	119	167868	21.239	ug/l	97
84) 1,2,4-Trimethylbenzene	11.15	105	175983	22.105	ug/l	100
85) sec-Butylbenzene	11.32	105	208828	21.725	ug/l	100
86) p-Isopropyltoluene	11.48	119	172730	21.495	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	86181	21.318	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	85894	20.729	ug/l	99
89) n-Butylbenzene	11.89	91	156120	20.443	ug/l	98
90) Hexachloroethane	12.14	117	31405	21.951	ug/l	100
91) 1,2-Dichlorobenzene	11.88	146	88860	21.857	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	18423	22.711	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	51329	18.441	ug/l	99
94) Hexachlorobutadiene	13.69	225	27061	20.943	ug/l	98
95) Naphthalene	13.74	128	190415	18.729	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	54238	19.882	ug/l	97

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

