

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110918\
 Data File : VU028038.D
 Acq On : 09 Nov 2018 12:41
 Operator : MD/SY
 Sample : VU1109WBS01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1109WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/12/2018 12:01:51 PM

Quant Time: Nov 12 06:40:43 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	4.99	168	181534	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	319738	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	291097	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	138760	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	142196	52.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.38%	
35) Dibromofluoromethane	4.89	113	102258	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	
50) Toluene-d8	7.57	98	401131	51.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.02%	
62) 4-Bromofluorobenzene	10.31	95	145775	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	35418	15.354	ug/l 100
3) Chloromethane	1.33	50	51965	18.627	ug/l 100
4) Vinyl Chloride	1.40	62	51587	18.631	ug/l 99
5) Bromomethane	1.63	94	25988	25.172	ug/l 93
6) Chloroethane	1.70	64	31595	19.801	ug/l 98
7) Trichlorofluoromethane	1.89	101	60974	19.057	ug/l 96
8) Diethyl Ether	2.11	74	28125	20.529	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.29	101	37959	19.971	ug/l 98
10) Methyl Iodide	2.41	142	32114	23.302	ug/l 97
11) Tert butyl alcohol	2.83	59	62613	87.631	ug/l 100
12) 1,1-Dichloroethene	2.29	96	35447	18.631	ug/l 94
13) Acrolein	2.20	56	20639	73.738	ug/l 94
14) Allyl chloride	2.59	41	82309	17.701	ug/l 98
15) Acrylonitrile	2.94	53	171018	97.440	ug/l 100
16) Acetone	2.32	43	167255	99.882	ug/l 99
17) Carbon Disulfide	2.48	76	111178	17.878	ug/l 99
18) Methyl Acetate	2.62	43	88678	19.251	ug/l 96
19) Methyl tert-butyl Ether	3.00	73	148960	19.415	ug/l 100
20) Methylene Chloride	2.71	84	47858	19.574	ug/l 97
21) trans-1,2-Dichloroethene	2.99	96	39896	18.170	ug/l 91
22) Diisopropyl ether	3.58	45	187984	19.582	ug/l 95
23) Vinyl Acetate	3.53	43	795279	96.391	ug/l 100
24) 1,1-Dichloroethane	3.45	63	90894	19.009	ug/l 100
25) 2-Butanone	4.26	43	254003	95.345	ug/l 100
26) 2,2-Dichloropropane	4.23	77	68985	19.224	ug/l 100
27) cis-1,2-Dichloroethene	4.23	96	48040	19.511	ug/l 96
28) Bromochloromethane	4.55	49	44599	19.895	ug/l 99
29) Tetrahydrofuran	4.64	42	162222	91.193	ug/l 98
30) Chloroform	4.68	83	81607	18.613	ug/l 97
31) Cyclohexane	5.00	56	91091	18.342	ug/l 97
32) 1,1,1-Trichloroethane	4.92	97	67997	19.483	ug/l 99
36) 1,1-Dichloropropene	5.14	75	62169	18.565	ug/l 99
37) Ethyl Acetate	4.38	43	92766	18.906	ug/l 99
38) Carbon Tetrachloride	5.14	117	53888	18.158	ug/l 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	77234	19.122	ug/l	98
40) Benzene	5.39	78	192571	18.809	ug/l	97
41) Methacrylonitrile	4.55	41	50133	19.146	ug/l	95
42) 1,2-Dichloroethane	5.41	62	68816	18.909	ug/l	100
43) Isopropyl Acetate	5.55	43	145102	18.876	ug/l	100
44) Trichloroethene	6.19	130	41696	18.946	ug/l	94
45) 1,2-Dichloropropane	6.43	63	56001	18.966	ug/l	99
46) Dibromomethane	6.56	93	32339	19.054	ug/l	97
47) Bromodichloromethane	6.76	83	61406	18.774	ug/l	98
48) Methyl methacrylate	6.62	41	72615	19.276	ug/l	100
49) 1,4-Dioxane	6.61	88	22608	367.849	ug/l	98
51) 4-Methyl-2-Pentanone	7.46	43	472426	92.023	ug/l	100
52) Toluene	7.64	92	113026	18.778	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	70399	18.087	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	78634	19.502	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	45810	18.707	ug/l	97
56) Ethyl methacrylate	8.02	69	81859	18.956	ug/l	99
57) 1,3-Dichloropropane	8.24	76	84657	18.978	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.13	63	239952	103.747	ug/l	99
59) 2-Hexanone	8.36	43	370338	93.269	ug/l	100
60) Dibromochloromethane	8.48	129	43497	18.771	ug/l	99
61) 1,2-Dibromoethane	8.59	107	48916	18.799	ug/l	99
64) Tetrachloroethene	8.23	164	34516	18.286	ug/l	95
65) Chlorobenzene	9.12	112	115421	18.767	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	40070	19.075	ug/l	99
67) Ethyl Benzene	9.25	91	217622	19.224	ug/l	100
68) m/p-Xylenes	9.38	106	158872	38.679	ug/l	99
69) o-Xylene	9.78	106	77701	18.734	ug/l	98
70) Styrene	9.79	104	125330	18.911	ug/l	99
71) Bromoform	9.96	173	31647	17.976	ug/l #	99
73) Isopropylbenzene	10.17	105	210694	19.600	ug/l	100
74) N-amyl acetate	10.01	43	125434	19.297	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	82249	18.969	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	70405m	18.550	ug/l	
77) Bromobenzene	10.45	156	48599	19.716	ug/l	99
78) n-propylbenzene	10.59	91	253100	19.670	ug/l	99
79) 2-Chlorotoluene	10.66	91	150079	19.459	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	174795	19.629	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	26327m	17.491	ug/l	
82) 4-Chlorotoluene	10.77	91	168724	19.270	ug/l	98
83) tert-Butylbenzene	11.10	119	168837	18.966	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	174817	19.496	ug/l	99
85) sec-Butylbenzene	11.32	105	211971	19.579	ug/l	100
86) p-Isopropyltoluene	11.48	119	173595	19.180	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	84580	18.575	ug/l	97
88) 1,4-Dichlorobenzene	11.51	146	87975	18.850	ug/l	99
89) n-Butylbenzene	11.89	91	166484	19.355	ug/l	99
90) Hexachloroethane	12.14	117	29357	18.219	ug/l	97
91) 1,2-Dichlorobenzene	11.88	146	87953	19.208	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	17097	18.712	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	55615	17.766	ug/l	99
94) Hexachlorobutadiene	13.69	225	27661	19.007	ug/l	99
95) Naphthalene	13.74	128	205468	17.936	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	59260	19.286	ug/l	98

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

