

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110918\
 Data File : VU028041.D
 Acq On : 09 Nov 2018 13:50
 Operator : MD/SY
 Sample : VU1109WBSD01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1109WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/12/2018 12:01:56 PM

Quant Time: Nov 12 06:46:49 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	181479	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	317535	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	294175	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	140373	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	146365	54.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.50%	
35) Dibromofluoromethane	4.89	113	106520	53.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.40%	
50) Toluene-d8	7.57	98	417471	53.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.96%	
62) 4-Bromofluorobenzene	10.31	95	152904	53.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	37093	16.085	ug/l	96
3) Chloromethane	1.33	50	56623	20.303	ug/l	100
4) Vinyl Chloride	1.40	62	54662	19.748	ug/l	99
5) Bromomethane	1.63	94	26888	25.965	ug/l	96
6) Chloroethane	1.70	64	32812	20.570	ug/l	99
7) Trichlorofluoromethane	1.89	101	63797	19.945	ug/l	97
8) Diethyl Ether	2.11	74	30807	22.494	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.29	101	41218	21.692	ug/l	98
10) Methyl Iodide	2.41	142	30908	22.722	ug/l	98
11) Tert butyl alcohol	2.82	59	72359	101.302	ug/l	99
12) 1,1-Dichloroethene	2.29	96	38096	20.030	ug/l	98
13) Acrolein	2.20	56	21056	75.394	ug/l	98
14) Allyl chloride	2.60	41	89410	19.234	ug/l	96
15) Acrylonitrile	2.94	53	185255	105.583	ug/l	100
16) Acetone	2.32	43	187197	111.824	ug/l	98
17) Carbon Disulfide	2.48	76	117504	18.901	ug/l	99
18) Methyl Acetate	2.62	43	94557	20.534	ug/l	97
19) Methyl tert-butyl Ether	3.00	73	158085	20.610	ug/l	100
20) Methylene Chloride	2.70	84	50262	20.564	ug/l	98
21) trans-1,2-Dichloroethene	2.99	96	43519	19.827	ug/l	96
22) Diisopropyl ether	3.58	45	197015	20.529	ug/l	96
23) Vinyl Acetate	3.53	43	842583	102.156	ug/l	99
24) 1,1-Dichloroethane	3.45	63	95735	20.027	ug/l	100
25) 2-Butanone	4.26	43	277724	104.281	ug/l	99
26) 2,2-Dichloropropane	4.23	77	74146	20.669	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	50302	20.436	ug/l	95
28) Bromochloromethane	4.55	49	49183	21.947	ug/l	99
29) Tetrahydrofuran	4.64	42	174955	98.381	ug/l	99
30) Chloroform	4.68	83	87157	19.885	ug/l	100
31) Cyclohexane	5.00	56	97201	19.697	ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	71263	20.425	ug/l	99
36) 1,1-Dichloropropene	5.14	75	64955	19.532	ug/l	98
37) Ethyl Acetate	4.38	43	95419	19.582	ug/l	98
38) Carbon Tetrachloride	5.14	117	56475	19.162	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	80979	20.189	ug/l	96
40) Benzene	5.39	78	206593	20.318	ug/l	99
41) Methacrylonitrile	4.55	41	55417	21.310	ug/l	99
42) 1,2-Dichloroethane	5.41	62	73489	20.333	ug/l	98
43) Isopropyl Acetate	5.55	43	152052	19.917	ug/l	99
44) Trichloroethene	6.19	130	44355	20.294	ug/l	98
45) 1,2-Dichloropropane	6.43	63	60024	20.470	ug/l	99
46) Dibromomethane	6.56	93	34107	20.235	ug/l	98
47) Bromodichloromethane	6.76	83	65177	20.066	ug/l	96
48) Methyl methacrylate	6.62	41	79361	21.213	ug/l	99
49) 1,4-Dioxane	6.61	88	26135	428.186	ug/l	98
51) 4-Methyl-2-Pentanone	7.46	43	508527	99.742	ug/l	99
52) Toluene	7.64	92	122023	20.413	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	76178	19.607	ug/l	97
54) cis-1,3-Dichloropropene	7.27	75	84225	21.034	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	48761	20.050	ug/l	98
56) Ethyl methacrylate	8.02	69	88702	20.683	ug/l	98
57) 1,3-Dichloropropane	8.24	76	90231	20.368	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	243802	106.143	ug/l	100
59) 2-Hexanone	8.36	43	399243	101.247	ug/l	99
60) Dibromochloromethane	8.48	129	45970	19.976	ug/l	100
61) 1,2-Dibromoethane	8.59	107	53987	20.892	ug/l	99
64) Tetrachloroethene	8.23	164	37504	19.661	ug/l	98
65) Chlorobenzene	9.12	112	124036	19.957	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	42650	20.091	ug/l	100
67) Ethyl Benzene	9.25	91	230407	20.140	ug/l	100
68) m/p-Xylenes	9.38	106	169625	40.865	ug/l	100
69) o-Xylene	9.78	106	83780	19.988	ug/l	99
70) Styrene	9.79	104	136744	20.418	ug/l	99
71) Bromoform	9.96	173	34429	19.352	ug/l #	98
73) Isopropylbenzene	10.17	105	225970	20.780	ug/l	100
74) N-amyl acetate	10.01	43	135309	20.577	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	88380	20.148	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	74704m	19.456	ug/l	
77) Bromobenzene	10.45	156	50241	20.148	ug/l	96
78) n-propylbenzene	10.59	91	269036	20.668	ug/l	99
79) 2-Chlorotoluene	10.66	91	159305	20.418	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	183556	20.376	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	28470m	18.679	ug/l	
82) 4-Chlorotoluene	10.77	91	177777	20.070	ug/l	99
83) tert-Butylbenzene	11.10	119	181413	20.144	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	185153	20.411	ug/l	100
85) sec-Butylbenzene	11.32	105	225831	20.619	ug/l	100
86) p-Isopropyltoluene	11.48	119	188909	20.632	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	93408	20.278	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	93817	19.871	ug/l	99
89) n-Butylbenzene	11.89	91	176231	20.253	ug/l	100
90) Hexachloroethane	12.14	117	31762	19.485	ug/l	97
91) 1,2-Dichlorobenzene	11.88	146	95993	20.723	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	19326	20.909	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	59652	18.795	ug/l	99
94) Hexachlorobutadiene	13.69	225	30412	20.657	ug/l	97
95) Naphthalene	13.74	128	219515	18.952	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	62283	20.037	ug/l	99

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

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