

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110818\
 Data File : VU028016.D
 Acq On : 08 Nov 2018 11:22
 Operator : MD/SY
 Sample : VU1108WBSD01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1108WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/9/2018 12:03:09 PM

Quant Time: Nov 08 11:47:45 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	186009	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	328279	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	296988	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	142271	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	134824	48.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.50%	
35) Dibromofluoromethane	4.89	113	101980	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
50) Toluene-d8	7.57	98	384317	48.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.14%	
62) 4-Bromofluorobenzene	10.31	95	140463	47.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	36177	15.306	ug/l	96
3) Chloromethane	1.33	50	49797	17.421	ug/l	96
4) Vinyl Chloride	1.40	62	50008	17.626	ug/l	100
5) Bromomethane	1.63	94	23767	22.704	ug/l	97
6) Chloroethane	1.70	64	31094	19.018	ug/l	97
7) Trichlorofluoromethane	1.89	101	61702	18.821	ug/l	98
8) Diethyl Ether	2.11	74	27873	19.856	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.29	101	35422	18.188	ug/l	97
10) Methyl Iodide	2.41	142	28147	21.054	ug/l	99
11) Tert butyl alcohol	2.82	59	70866	96.796	ug/l	100
12) 1,1-Dichloroethene	2.29	96	33817	17.347	ug/l	93
13) Acrolein	2.20	56	13957	46.291	ug/l	96
14) Allyl chloride	2.59	41	83605	17.547	ug/l	97
15) Acrylonitrile	2.94	53	176059	97.899	ug/l	99
16) Acetone	2.32	43	164338	95.779	ug/l	99
17) Carbon Disulfide	2.48	76	101578	15.941	ug/l	100
18) Methyl Acetate	2.62	43	92410	19.579	ug/l	97
19) Methyl tert-butyl Ether	3.00	73	153428	19.516	ug/l	98
20) Methylene Chloride	2.70	84	46529	18.573	ug/l	98
21) trans-1,2-Dichloroethene	2.99	96	40119	17.832	ug/l	97
22) Diisopropyl ether	3.58	45	192867	19.607	ug/l	95
23) Vinyl Acetate	3.53	43	810529	95.876	ug/l	99
24) 1,1-Dichloroethane	3.45	63	92649	18.909	ug/l	100
25) 2-Butanone	4.26	43	260130	95.296	ug/l	97
26) 2,2-Dichloropropane	4.23	77	71654	19.487	ug/l	100
27) cis-1,2-Dichloroethene	4.23	96	48452	19.205	ug/l	98
28) Bromochloromethane	4.55	49	47569	20.710	ug/l	98
29) Tetrahydrofuran	4.64	42	166205	91.185	ug/l	98
30) Chloroform	4.68	83	84319	18.769	ug/l	100
31) Cyclohexane	5.00	56	88288	17.256	ug/l	97
32) 1,1,1-Trichloroethane	4.92	97	69481	19.429	ug/l	99
36) 1,1-Dichloropropene	5.14	75	61053	17.757	ug/l	99
37) Ethyl Acetate	4.38	43	90251	17.915	ug/l	98
38) Carbon Tetrachloride	5.14	117	55120	18.090	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	74646	18.001	ug/l	99
40) Benzene	5.39	78	194506	18.504	ug/l	100
41) Methacrylonitrile	4.55	41	51466	19.143	ug/l	98
42) 1,2-Dichloroethane	5.40	62	68209	18.255	ug/l	99
43) Isopropyl Acetate	5.55	43	147964	18.747	ug/l	99
44) Trichloroethene	6.19	130	42468	18.795	ug/l	100
45) 1,2-Dichloropropane	6.44	63	58346	19.246	ug/l	99
46) Dibromomethane	6.56	93	33297	19.108	ug/l	96
47) Bromodichloromethane	6.76	83	64221	19.124	ug/l	98
48) Methyl methacrylate	6.63	41	71937	18.599	ug/l	98
49) 1,4-Dioxane	6.62	88	25744	407.976	ug/l	94
51) 4-Methyl-2-Pentanone	7.46	43	489507	92.869	ug/l	100
52) Toluene	7.64	92	113396	18.349	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	72644	18.172	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	81912	19.787	ug/l	95
55) 1,1,2-Trichloroethane	8.07	97	48435	19.264	ug/l	97
56) Ethyl methacrylate	8.02	69	85660	19.320	ug/l	98
57) 1,3-Dichloropropane	8.24	76	86584	18.905	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	228559	96.250	ug/l	99
59) 2-Hexanone	8.36	43	379714	93.142	ug/l	99
60) Dibromochloromethane	8.48	129	46516	19.551	ug/l	97
61) 1,2-Dibromoethane	8.59	107	50667	18.965	ug/l	100
64) Tetrachloroethene	8.23	164	35426	18.396	ug/l	97
65) Chlorobenzene	9.12	112	120885	19.266	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	41434	19.333	ug/l	98
67) Ethyl Benzene	9.25	91	217857	18.863	ug/l	98
68) m/p-Xylenes	9.38	106	159383	38.033	ug/l	98
69) o-Xylene	9.78	106	79636	18.819	ug/l	100
70) Styrene	9.79	104	129070	19.089	ug/l	99
71) Bromoform	9.96	173	33386	18.588	ug/l #	100
73) Isopropylbenzene	10.17	105	214131	19.428	ug/l	99
74) N-amyl acetate	10.01	43	128268	19.246	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.46	83	85827	19.305	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	84756m	21.780	ug/l	
77) Bromobenzene	10.45	156	49330	19.519	ug/l	98
78) n-propylbenzene	10.59	91	255724	19.384	ug/l	99
79) 2-Chlorotoluene	10.66	91	149186	18.866	ug/l	98
80) 1,3,5-Trimethylbenzene	10.77	105	175324	19.203	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	30816m	19.931	ug/l	
82) 4-Chlorotoluene	10.77	91	168963	18.821	ug/l	100
83) tert-Butylbenzene	11.10	119	173975	19.060	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	178367	19.401	ug/l	100
85) sec-Butylbenzene	11.32	105	217818	19.622	ug/l	99
86) p-Isopropyltoluene	11.48	119	179949	19.392	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	88337	18.922	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	88090	18.409	ug/l	98
89) n-Butylbenzene	11.89	91	164574	18.661	ug/l	99
90) Hexachloroethane	12.14	117	31643	19.153	ug/l	97
91) 1,2-Dichlorobenzene	11.88	146	92032	19.603	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	18458	19.704	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	56389	17.576	ug/l	99
94) Hexachlorobutadiene	13.69	225	28177	18.884	ug/l	98
95) Naphthalene	13.74	128	209365	17.824	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	60369	19.162	ug/l	99

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

