

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070518\
 Data File : VU025210.D
 Acq On : 05 Jul 2018 12:59
 Operator : MD/SY
 Sample : VU0705WBS01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0705WBS01

Manual Integrations
 APPROVED

sam
 7/6/2018 4:21:39 PM

Quant Time: Jul 06 05:41:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	162191	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	246261	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	231135	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	130032	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	132280	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
35) Dibromofluoromethane	4.89	113	108943	53.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.60%	
50) Toluene-d8	7.57	98	342884	45.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.98%	
62) 4-Bromofluorobenzene	10.31	95	146638	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	34584	17.035	ug/l	98
3) Chloromethane	1.33	50	37419	18.041	ug/l	99
4) Vinyl Chloride	1.40	62	41272	19.295	ug/l	99
5) Bromomethane	1.62	94	26488	25.617	ug/l	98
6) Chloroethane	1.70	64	26684	21.730	ug/l	98
7) Trichlorofluoromethane	1.89	101	69820	21.389	ug/l	98
8) Diethyl Ether	2.10	74	25922	22.292	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.29	101	41462	20.474	ug/l	97
10) Methyl Iodide	2.41	142	38165	25.202	ug/l	98
11) Tert butyl alcohol	2.82	59	70146	108.928	ug/l	100
12) 1,1-Dichloroethene	2.28	96	36674	19.858	ug/l	96
13) Acrolein	2.19	56	14301	42.290	ug/l	92
14) Allyl chloride	2.59	41	66272	19.327	ug/l	98
15) Acrylonitrile	2.94	53	139545	111.376	ug/l	98
16) Acetone	2.32	43	144476	101.553	ug/l	98
17) Carbon Disulfide	2.48	76	100273	16.957	ug/l	98
18) Methyl Acetate	2.62	43	85225	27.944	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	153164	22.063	ug/l	97
20) Methylene Chloride	2.70	84	46053	20.631	ug/l	97
21) trans-1,2-Dichloroethene	2.99	96	41779	20.540	ug/l	98
22) Diisopropyl ether	3.57	45	148655	21.869	ug/l	93
23) Vinyl Acetate	3.53	43	614445	100.909	ug/l	98
24) 1,1-Dichloroethane	3.45	63	83713	21.408	ug/l	98
25) 2-Butanone	4.26	43	205665	107.624	ug/l	97
26) 2,2-Dichloropropane	4.23	77	76062	20.485	ug/l	100
27) cis-1,2-Dichloroethene	4.23	96	50477	21.586	ug/l	100
28) Bromochloromethane	4.55	49	36882	21.413	ug/l	88
29) Tetrahydrofuran	4.64	42	128057	108.212	ug/l	97
30) Chloroform	4.68	83	89595	22.637	ug/l	98
31) Cyclohexane	5.00	56	74998	20.430	ug/l	92
32) 1,1,1-Trichloroethane	4.92	97	80212	21.916	ug/l	97
36) 1,1-Dichloropropene	5.14	75	60694	20.974	ug/l	98
37) Ethyl Acetate	4.38	43	73225	23.217	ug/l	96
38) Carbon Tetrachloride	5.14	117	70726	22.226	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	74657	20.674	ug/l	95
40) Benzene	5.39	78	179375	21.754	ug/l	100
41) Methacrylonitrile	4.54	41	40429	23.775	ug/l	97
42) 1,2-Dichloroethane	5.41	62	76285	24.291	ug/l	99
43) Isopropyl Acetate	5.55	43	118797	21.790	ug/l	99
44) Trichloroethene	6.19	130	48762	20.779	ug/l	100
45) 1,2-Dichloropropane	6.44	63	46993	21.359	ug/l	96
46) Dibromomethane	6.56	93	34907	22.588	ug/l	95
47) Bromodichloromethane	6.76	83	66679	21.668	ug/l	100
48) Methyl methacrylate	6.63	41	60151	22.658	ug/l	98
49) 1,4-Dioxane	6.62	88	28051	540.314	ug/l	96
51) 4-Methyl-2-Pentanone	7.46	43	389569	113.739	ug/l	100
52) Toluene	7.64	92	116685	21.996	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	71755	20.763	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	74951	20.354	ug/l	97
55) 1,1,2-Trichloroethane	8.07	97	48164	22.335	ug/l	97
56) Ethyl methacrylate	8.02	69	75774	20.994	ug/l	98
57) 1,3-Dichloropropane	8.25	76	82887	22.786	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	127411	92.145	ug/l	94
59) 2-Hexanone	8.36	43	305018	109.080	ug/l	99
60) Dibromochloromethane	8.48	129	53274	19.812	ug/l	100
61) 1,2-Dibromoethane	8.59	107	54235	22.597	ug/l	98
64) Tetrachloroethene	8.23	164	47409	21.579	ug/l	95
65) Chlorobenzene	9.12	112	132988	22.523	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	50662	22.584	ug/l	97
67) Ethyl Benzene	9.25	91	227624	21.990	ug/l	98
68) m/p-Xylenes	9.38	106	177235	44.589	ug/l	97
69) o-Xylene	9.78	106	87133	22.150	ug/l	99
70) Styrene	9.80	104	136799	21.161	ug/l	99
71) Bromoform	9.96	173	41449	19.439	ug/l #	98
73) Isopropylbenzene	10.17	105	236774	23.717	ug/l	100
74) N-amyl acetate	10.01	43	97113	20.451	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	81021	24.218	ug/l	98
76) 1,2,3-Trichloropropane	10.50	75	71616m	25.016	ug/l	
77) Bromobenzene	10.46	156	61092	24.172	ug/l	94
78) n-propylbenzene	10.59	91	257588	21.903	ug/l	98
79) 2-Chlorotoluene	10.66	91	161370	23.268	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	202484	23.400	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	25187m	20.362	ug/l	
82) 4-Chlorotoluene	10.78	91	177620	22.005	ug/l	98
83) tert-Butylbenzene	11.10	119	202481	24.326	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	199798	22.657	ug/l	99
85) sec-Butylbenzene	11.33	105	236375	22.687	ug/l	98
86) p-Isopropyltoluene	11.48	119	205800	22.055	ug/l	98
87) 1,3-Dichlorobenzene	11.42	146	103639	22.195	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	103947	22.117	ug/l	100
89) n-Butylbenzene	11.89	91	156978	18.949	ug/l	98
90) Hexachloroethane	12.15	117	36135	19.851	ug/l	97
91) 1,2-Dichlorobenzene	11.88	146	108086	23.110	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	19571	21.201	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	60664	21.004	ug/l	99
94) Hexachlorobutadiene	13.70	225	36490	22.447	ug/l	99
95) Naphthalene	13.75	128	200833	21.399	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	67159	23.336	ug/l	98

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

