

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070718\
 Data File : VU025241.D
 Acq On : 06 Jul 2018 15:33
 Operator : MD/SY
 Sample : VU0707WBS01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0707WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/9/2018 12:57:58 PM

Quant Time: Jul 06 18:19:44 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	185654	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	271665	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	250711	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	149231	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	138162	45.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.18%	
35) Dibromofluoromethane	4.89	113	110783	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
50) Toluene-d8	7.57	98	373978	45.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.94%	
62) 4-Bromofluorobenzene	10.31	95	149930	45.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	37930	16.322	ug/l	99
3) Chloromethane	1.33	50	38348	16.153	ug/l	99
4) Vinyl Chloride	1.40	62	40796	16.662	ug/l	99
5) Bromomethane	1.62	94	26972	22.788	ug/l	99
6) Chloroethane	1.70	64	27149	19.195	ug/l	98
7) Trichlorofluoromethane	1.89	101	66738	17.861	ug/l	98
8) Diethyl Ether	2.10	74	24560	18.115	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.29	101	41867	18.061	ug/l	98
10) Methyl Iodide	2.41	142	39421	23.258	ug/l	97
11) Tert butyl alcohol	2.82	59	61651	83.637	ug/l	99
12) 1,1-Dichloroethene	2.28	96	35519	16.802	ug/l	97
13) Acrolein	2.19	56	35231	91.016	ug/l	98
14) Allyl chloride	2.59	41	62574	15.942	ug/l	98
15) Acrylonitrile	2.93	53	127005	88.557	ug/l	100
16) Acetone	2.32	43	153590	94.316	ug/l	99
17) Carbon Disulfide	2.48	76	94533	13.966	ug/l	99
18) Methyl Acetate	2.62	43	61120	17.507	ug/l	97
19) Methyl tert-butyl Ether	3.00	73	143857	18.104	ug/l	95
20) Methylene Chloride	2.70	84	45255	17.711	ug/l	98
21) trans-1,2-Dichloroethene	2.99	96	40385	17.345	ug/l	94
22) Diisopropyl ether	3.57	45	140272	18.028	ug/l	93
23) Vinyl Acetate	3.53	43	611190	87.689	ug/l	99
24) 1,1-Dichloroethane	3.45	63	79327	17.723	ug/l	99
25) 2-Butanone	4.26	43	200508	91.665	ug/l	99
26) 2,2-Dichloropropane	4.23	77	74443	17.515	ug/l	98
27) cis-1,2-Dichloroethene	4.23	96	48932	18.280	ug/l	98
28) Bromochloromethane	4.55	49	40695	20.641	ug/l	87
29) Tetrahydrofuran	4.63	42	116586	86.068	ug/l	97
30) Chloroform	4.68	83	84828	18.724	ug/l	98
31) Cyclohexane	5.00	56	71448	16.659	ug/l	# 90
32) 1,1,1-Trichloroethane	4.92	97	75724	18.075	ug/l	98
36) 1,1-Dichloropropene	5.14	75	57692	18.072	ug/l	95
37) Ethyl Acetate	4.38	43	68805	19.775	ug/l	97
38) Carbon Tetrachloride	5.14	117	67417	19.205	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	72120	18.104	ug/l	97
40) Benzene	5.39	78	170962	18.795	ug/l	100
41) Methacrylonitrile	4.54	41	36864	19.651	ug/l	97
42) 1,2-Dichloroethane	5.41	62	71785	20.721	ug/l	99
43) Isopropyl Acetate	5.55	43	110244	18.331	ug/l	99
44) Trichloroethene	6.19	130	49138	18.981	ug/l	95
45) 1,2-Dichloropropane	6.44	63	46218	19.043	ug/l	98
46) Dibromomethane	6.56	93	33350	19.562	ug/l	96
47) Bromodichloromethane	6.76	83	63146	18.601	ug/l	98
48) Methyl methacrylate	6.63	41	55421	18.924	ug/l	98
49) 1,4-Dioxane	6.62	88	25763	449.838	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	355151	93.994	ug/l	99
52) Toluene	7.64	92	111448	19.044	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	66245	17.376	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	72437	17.832	ug/l	100
55) 1,1,2-Trichloroethane	8.07	97	45362	19.069	ug/l	98
56) Ethyl methacrylate	8.02	69	73193	18.383	ug/l	99
57) 1,3-Dichloropropane	8.25	76	78585	19.583	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.13	63	123959	81.265	ug/l	94
59) 2-Hexanone	8.36	43	282241	91.496	ug/l	100
60) Dibromochloromethane	8.48	129	49649	16.737	ug/l	98
61) 1,2-Dibromoethane	8.59	107	49734	18.784	ug/l	99
64) Tetrachloroethene	8.23	164	45718	19.184	ug/l	99
65) Chlorobenzene	9.12	112	128070	19.996	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	47286	19.433	ug/l	98
67) Ethyl Benzene	9.25	91	217756	19.394	ug/l	99
68) m/p-Xylenes	9.38	106	170236	39.484	ug/l	96
69) o-Xylene	9.78	106	84509	19.805	ug/l	95
70) Styrene	9.80	104	133492	19.037	ug/l	98
71) Bromoform	9.96	173	37647	16.277	ug/l #	98
73) Isopropylbenzene	10.17	105	228092	19.908	ug/l	100
74) N-amyl acetate	10.01	43	94108	17.269	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	74387	19.375	ug/l	98
76) 1,2,3-Trichloropropane	10.50	75	69130m	21.041	ug/l	
77) Bromobenzene	10.45	156	58348	20.116	ug/l	94
78) n-propylbenzene	10.59	91	251682	18.648	ug/l	96
79) 2-Chlorotoluene	10.66	91	157006	19.726	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	193453	19.481	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	23672m	16.675	ug/l	
82) 4-Chlorotoluene	10.78	91	176593	19.063	ug/l	99
83) tert-Butylbenzene	11.10	119	194518	20.363	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	194585	19.227	ug/l	100
85) sec-Butylbenzene	11.33	105	231310	19.345	ug/l	97
86) p-Isopropyltoluene	11.48	119	204910	19.134	ug/l	100
87) 1,3-Dichlorobenzene	11.42	146	103050	19.230	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	103438	19.178	ug/l	99
89) n-Butylbenzene	11.89	91	161788	17.017	ug/l	98
90) Hexachloroethane	12.15	117	32330	15.476	ug/l	93
91) 1,2-Dichlorobenzene	11.88	146	106583	19.857	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	17852	16.851	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	62406	18.828	ug/l	98
94) Hexachlorobutadiene	13.70	225	36245	19.428	ug/l	96
95) Naphthalene	13.75	128	197785	18.459	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	65198	19.740	ug/l	99

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

