

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU073018\
 Data File : VU025717.D
 Acq On : 30 Jul 2018 12:20
 Operator : MD/SY
 Sample : VU0730WBSD01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0730WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/31/2018 1:23:26 PM

Quant Time: Jul 31 03:31:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 27 13:11:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	167032	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	252385	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	247378	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	151506	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	133577	51.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.66%	
35) Dibromofluoromethane	4.89	113	106422	48.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.96%	
50) Toluene-d8	7.57	98	376158	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	
62) 4-Bromofluorobenzene	10.31	95	142068	47.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	52236	20.69	ug/l	98
3) Chloromethane	1.33	50	43960	18.22	ug/l	100
4) Vinyl Chloride	1.41	62	43761	19.27	ug/l	98
5) Bromomethane	1.63	94	23925	21.57	ug/l	99
6) Chloroethane	1.70	64	24866	18.73	ug/l	95
7) Trichlorofluoromethane	1.89	101	64987	19.79	ug/l	96
8) Diethyl Ether	2.10	74	23488	19.77	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.29	101	36741	19.34	ug/l	99
10) Methyl Iodide	2.41	142	24460	20.03	ug/l	99
11) Tert butyl alcohol	2.82	59	57277	100.52	ug/l	99
12) 1,1-Dichloroethene	2.29	96	33896	18.90	ug/l	96
13) Acrolein	2.20	56	17679	84.33	ug/l	98
14) Allyl chloride	2.59	41	62366	19.35	ug/l	97
15) Acrylonitrile	2.94	53	114189	100.37	ug/l	99
16) Acetone	2.32	43	115858	91.31	ug/l	98
17) Carbon Disulfide	2.48	76	109190	18.81	ug/l	98
18) Methyl Acetate	2.62	43	67768	22.19	ug/l	100
19) Methyl tert-butyl Ether	3.00	73	135718	20.88	ug/l	100
20) Methylene Chloride	2.71	84	43007	19.13	ug/l	97
21) trans-1,2-Dichloroethene	2.99	96	40326	19.45	ug/l	98
22) Diisopropyl ether	3.58	45	132978	20.94	ug/l	92
23) Vinyl Acetate	3.53	43	557454	100.72	ug/l	99
24) 1,1-Dichloroethane	3.45	63	76029	19.94	ug/l	99
25) 2-Butanone	4.26	43	169257	97.99	ug/l	98
26) 2,2-Dichloropropane	4.23	77	69180	19.96	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	46426	19.86	ug/l	98
28) Bromochloromethane	4.55	49	34411	20.19	ug/l	96
29) Tetrahydrofuran	4.64	42	104969	101.44	ug/l	98
30) Chloroform	4.68	83	79934	19.86	ug/l	99
31) Cyclohexane	5.00	56	66323	19.16	ug/l	95
32) 1,1,1-Trichloroethane	4.92	97	70784	19.54	ug/l	97
36) 1,1-Dichloropropene	5.14	75	57815	19.60	ug/l	100
37) Ethyl Acetate	4.38	43	58817	19.23	ug/l	98
38) Carbon Tetrachloride	5.14	117	63875	19.12	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	65085	19.26	ug/l	99
40) Benzene	5.39	78	167971	19.48	ug/l	97
41) Methacrylonitrile	4.55	41	34068	20.06	ug/l	98
42) 1,2-Dichloroethane	5.41	62	67364	20.29	ug/l	99
43) Isopropyl Acetate	5.55	43	100563	19.90	ug/l	99
44) Trichloroethene	6.19	130	47157	19.64	ug/l	99
45) 1,2-Dichloropropane	6.44	63	43539	19.36	ug/l	96
46) Dibromomethane	6.56	93	32990	20.25	ug/l	98
47) Bromodichloromethane	6.76	83	61772	19.88	ug/l	94
48) Methyl methacrylate	6.63	41	51281	20.70	ug/l	99
49) 1,4-Dioxane	6.62	88	25291	419.58	ug/l	95
51) 4-Methyl-2-Pentanone	7.46	43	312326	98.71	ug/l	100
52) Toluene	7.64	92	107020	19.98	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	71565	20.51	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	74324	20.73	ug/l	97
55) 1,1,2-Trichloroethane	8.07	97	43996	19.77	ug/l	98
56) Ethyl methacrylate	8.02	69	63959	20.11	ug/l	97
57) 1,3-Dichloropropane	8.25	76	76695	20.49	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.13	63	122570	89.77	ug/l	99
59) 2-Hexanone	8.36	43	238496	96.16	ug/l	98
60) Dibromochloromethane	8.48	129	51925	19.78	ug/l	100
61) 1,2-Dibromoethane	8.59	107	49387	19.95	ug/l	99
64) Tetrachloroethene	8.23	164	41338	18.98	ug/l	97
65) Chlorobenzene	9.12	112	124556	19.53	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	46013	19.94	ug/l	97
67) Ethyl Benzene	9.25	91	204984	19.40	ug/l	100
68) m/p-Xylenes	9.38	106	162016	39.94	ug/l	98
69) o-Xylene	9.78	106	77192	19.47	ug/l	98
70) Styrene	9.80	104	125740	19.64	ug/l	99
71) Bromoform	9.96	173	39990	19.99	ug/l #	98
73) Isopropylbenzene	10.17	105	209291	20.24	ug/l	99
74) N-amyl acetate	10.01	43	85741	20.31	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	72100	20.16	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	65040m	19.48	ug/l	
77) Bromobenzene	10.45	156	56507	19.81	ug/l	99
78) n-propylbenzene	10.59	91	241196	19.98	ug/l	100
79) 2-Chlorotoluene	10.66	91	144505	20.44	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	179552	20.45	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.50	75	50257m	37.75	ug/l	
82) 4-Chlorotoluene	10.78	91	172243	20.67	ug/l	100
83) tert-Butylbenzene	11.10	119	175064	20.06	ug/l	97
84) 1,2,4-Trimethylbenzene	11.15	105	182444	20.50	ug/l	98
85) sec-Butylbenzene	11.33	105	212743	19.97	ug/l	100
86) p-Isopropyltoluene	11.48	119	194174	20.36	ug/l	100
87) 1,3-Dichlorobenzene	11.42	146	105752	19.98	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	108128	19.59	ug/l	99
89) n-Butylbenzene	11.89	91	173567	19.72	ug/l	100
90) Hexachloroethane	12.15	117	32137	18.95	ug/l	100
91) 1,2-Dichlorobenzene	11.88	146	105080	20.25	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	17217	20.31	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	70294	20.07	ug/l	99
94) Hexachlorobutadiene	13.70	225	36569	19.81	ug/l	99
95) Naphthalene	13.75	128	198257	18.43	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	70798	20.26	ug/l	99

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

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