

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU063018\
 Data File : VU025111.D
 Acq On : 01 Jul 2018 01:17
 Operator : MD/SY
 Sample : VU0630WBS02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0630WBS02

Manual Integrations
 APPROVED

apatel
 7/2/2018 4:16:42 PM

Quant Time: Jul 02 07:55:11 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	162079	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	253326	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	236354	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	133355	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	120901	45.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.38%	
35) Dibromofluoromethane	4.89	113	97706	46.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.94%	
50) Toluene-d8	7.57	98	314196	40.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.94%	
62) 4-Bromofluorobenzene	10.31	95	129493	42.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	34231	16.87	ug/l	98
3) Chloromethane	1.33	50	38489	18.57	ug/l	100
4) Vinyl Chloride	1.40	62	40497	18.95	ug/l	98
5) Bromomethane	1.62	94	25996	25.16	ug/l	99
6) Chloroethane	1.70	64	27120	22.12	ug/l	98
7) Trichlorofluoromethane	1.89	101	66778	20.47	ug/l	99
8) Diethyl Ether	2.10	74	25396	21.82	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.29	101	37956	18.76	ug/l	98
10) Methyl Iodide	2.41	142	35351	23.75	ug/l	99
11) Tert butyl alcohol	2.82	59	70292	109.23	ug/l	100
12) 1,1-Dichloroethene	2.28	96	36228	19.63	ug/l	99
13) Acrolein	2.19	56	19952	59.04	ug/l	98
14) Allyl chloride	2.60	41	59860	17.47	ug/l	100
15) Acrylonitrile	2.94	53	134039	107.06	ug/l	100
16) Acetone	2.32	43	130660	91.91	ug/l	98
17) Carbon Disulfide	2.48	76	98330	16.64	ug/l	99
18) Methyl Acetate	2.62	43	80935	26.56	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	146883	21.17	ug/l	97
20) Methylene Chloride	2.70	84	45917	20.58	ug/l	96
21) trans-1,2-Dichloroethene	2.99	96	39466	19.42	ug/l	99
22) Diisopropyl ether	3.57	45	139858	20.59	ug/l	94
23) Vinyl Acetate	3.53	43	563491	92.60	ug/l	99
24) 1,1-Dichloroethane	3.45	63	79149	20.25	ug/l	98
25) 2-Butanone	4.26	43	195555	102.40	ug/l	99
26) 2,2-Dichloropropane	4.23	77	47155	12.71	ug/l	95
27) cis-1,2-Dichloroethene	4.23	96	50146	21.46	ug/l	96
28) Bromochloromethane	4.55	49	34163	19.85	ug/l	88
29) Tetrahydrofuran	4.64	42	124709	105.46	ug/l	96
30) Chloroform	4.68	83	84801	21.44	ug/l	100
31) Cyclohexane	5.00	56	71384	19.36	ug/l	96
32) 1,1,1-Trichloroethane	4.92	97	74227	20.29	ug/l	96
36) 1,1-Dichloropropene	5.14	75	57780	19.41	ug/l	96
37) Ethyl Acetate	4.38	43	69455	21.41	ug/l	98
38) Carbon Tetrachloride	5.14	117	65434	19.99	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	68959	18.56	ug/l	97
40) Benzene	5.39	78	173103	20.41	ug/l	100
41) Methacrylonitrile	4.54	41	38424	21.97	ug/l	97
42) 1,2-Dichloroethane	5.41	62	72332	22.39	ug/l	98
43) Isopropyl Acetate	5.55	43	111978	19.97	ug/l	99
44) Trichloroethene	6.19	130	48851	20.24	ug/l	99
45) 1,2-Dichloropropane	6.44	63	46152	20.39	ug/l	98
46) Dibromomethane	6.56	93	33088	20.81	ug/l	94
47) Bromodichloromethane	6.76	83	63487	20.06	ug/l	97
48) Methyl methacrylate	6.63	41	59161	21.66	ug/l	97
49) 1,4-Dioxane	6.62	88	27725	519.14	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	373495	106.01	ug/l	99
52) Toluene	7.64	92	111571	20.45	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	63618	17.90	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	67185	17.74	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	47345	21.34	ug/l	96
56) Ethyl methacrylate	8.02	69	73287	19.74	ug/l	98
57) 1,3-Dichloropropane	8.25	76	78214	20.90	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.13	63	124460	87.50	ug/l	94
59) 2-Hexanone	8.36	43	288079	100.15	ug/l	99
60) Dibromochloromethane	8.48	129	50991	18.43	ug/l	99
61) 1,2-Dibromoethane	8.59	107	51242	20.75	ug/l	99
64) Tetrachloroethene	8.23	164	49350	21.97	ug/l	98
65) Chlorobenzene	9.12	112	126412	20.94	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	47396	20.66	ug/l	97
67) Ethyl Benzene	9.25	91	214925	20.30	ug/l	98
68) m/p-Xylenes	9.38	106	167947	41.32	ug/l	96
69) o-Xylene	9.78	106	82251	20.45	ug/l	99
70) Styrene	9.80	104	127297	19.26	ug/l	97
71) Bromoform	9.96	173	39291	18.02	ug/l #	98
73) Isopropylbenzene	10.17	105	221726	21.66	ug/l	100
74) N-amyl acetate	10.01	43	92972	19.09	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	76777	22.38	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	68881m	23.46	ug/l	
77) Bromobenzene	10.45	156	57427	22.16	ug/l	95
78) n-propylbenzene	10.59	91	240988	19.98	ug/l	97
79) 2-Chlorotoluene	10.66	91	151391	21.29	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	187942	21.18	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	20841m	16.43	ug/l	
82) 4-Chlorotoluene	10.78	91	172356	20.82	ug/l	98
83) tert-Butylbenzene	11.10	119	184277	21.59	ug/l	97
84) 1,2,4-Trimethylbenzene	11.15	105	190768	21.09	ug/l	99
85) sec-Butylbenzene	11.33	105	218067	20.41	ug/l	99
86) p-Isopropyltoluene	11.48	119	190619	19.92	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	97368	20.33	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	97996	20.33	ug/l	100
89) n-Butylbenzene	11.89	91	140524	16.54	ug/l	97
90) Hexachloroethane	12.15	117	32357	17.33	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	102852	21.44	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	18763	19.82	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	58127	19.62	ug/l	98
94) Hexachlorobutadiene	13.70	225	32892	19.73	ug/l	97
95) Naphthalene	13.74	128	197297	20.53	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	62446	21.16	ug/l	98

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

