

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072718\
 Data File : VU025687.D
 Acq On : 27 Jul 2018 23:07
 Operator : MD/SY
 Sample : VU0727WBSD02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0727WBSD02

Manual Integrations
 APPROVED

MMDadoda
 7/31/2018 3:49:58 PM

Quant Time: Jul 28 05:49:04 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	168212	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	253591	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	245796	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	153095	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	134386	51.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.54%	
35) Dibromofluoromethane	4.89	113	110493	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
50) Toluene-d8	7.57	98	391701	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	
62) 4-Bromofluorobenzene	10.31	95	147316	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	56772	22.33	ug/l	98
3) Chloromethane	1.33	50	48247	19.85	ug/l	99
4) Vinyl Chloride	1.40	62	48139	21.05	ug/l	100
5) Bromomethane	1.63	94	25139	22.51	ug/l	99
6) Chloroethane	1.70	64	26968	20.17	ug/l	96
7) Trichlorofluoromethane	1.89	101	69703	21.08	ug/l	99
8) Diethyl Ether	2.10	74	24018	20.08	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.29	101	42148	22.03	ug/l	97
10) Methyl Iodide	2.41	142	31853	23.38	ug/l	100
11) Tert butyl alcohol	2.83	59	61756	107.62	ug/l	100
12) 1,1-Dichloroethene	2.28	96	38200	21.15	ug/l	100
13) Acrolein	2.19	56	17725	83.94	ug/l	99
14) Allyl chloride	2.59	41	63239	19.48	ug/l	98
15) Acrylonitrile	2.94	53	119769	104.54	ug/l	98
16) Acetone	2.32	43	114243	89.41	ug/l	96
17) Carbon Disulfide	2.48	76	117417	20.09	ug/l	100
18) Methyl Acetate	2.62	43	73021	23.74	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	136786	20.90	ug/l	99
20) Methylene Chloride	2.70	84	44619	19.70	ug/l	99
21) trans-1,2-Dichloroethene	2.99	96	43325	20.75	ug/l	98
22) Diisopropyl ether	3.58	45	134870	21.09	ug/l	95
23) Vinyl Acetate	3.53	43	579738	104.01	ug/l	100
24) 1,1-Dichloroethane	3.45	63	79682	20.75	ug/l	99
25) 2-Butanone	4.27	43	177630	102.12	ug/l	98
26) 2,2-Dichloropropane	4.23	77	56942	16.32	ug/l	98
27) cis-1,2-Dichloroethene	4.23	96	48074	20.42	ug/l	96
28) Bromochloromethane	4.55	49	36880	21.48	ug/l	99
29) Tetrahydrofuran	4.64	42	112200	107.66	ug/l	99
30) Chloroform	4.68	83	82184	20.28	ug/l	100
31) Cyclohexane	5.00	56	71003	20.46	ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	74924	20.53	ug/l	99
36) 1,1-Dichloropropene	5.14	75	61060	20.60	ug/l	97
37) Ethyl Acetate	4.38	43	64147	20.87	ug/l	98
38) Carbon Tetrachloride	5.14	117	67983	20.25	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	66934	19.71	ug/l	94
40) Benzene	5.39	78	175470	20.26	ug/l	99
41) Methacrylonitrile	4.55	41	36099	21.15	ug/l	99
42) 1,2-Dichloroethane	5.41	62	69705	20.90	ug/l	100
43) Isopropyl Acetate	5.55	43	106183	20.91	ug/l	99
44) Trichloroethene	6.19	130	49639	20.58	ug/l	97
45) 1,2-Dichloropropane	6.44	63	46013	20.37	ug/l	99
46) Dibromomethane	6.56	93	33309	20.35	ug/l	99
47) Bromodichloromethane	6.76	83	63552	20.35	ug/l	98
48) Methyl methacrylate	6.63	41	53155	21.36	ug/l	99
49) 1,4-Dioxane	6.62	88	25699	424.32	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	340994	107.26	ug/l	99
52) Toluene	7.64	92	112324	20.87	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	70524	20.11	ug/l	97
54) cis-1,3-Dichloropropene	7.27	75	72528	20.14	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	45298	20.25	ug/l	99
56) Ethyl methacrylate	8.02	69	66495	20.81	ug/l	98
57) 1,3-Dichloropropane	8.25	76	77180	20.52	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	133645	96.82	ug/l	100
59) 2-Hexanone	8.36	43	261877	105.08	ug/l	100
60) Dibromochloromethane	8.48	129	52761	20.00	ug/l	99
61) 1,2-Dibromoethane	8.59	107	50941	20.48	ug/l	100
64) Tetrachloroethene	8.23	164	45900	21.22	ug/l	97
65) Chlorobenzene	9.12	112	131843	20.80	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	47417	20.68	ug/l	97
67) Ethyl Benzene	9.25	91	215329	20.51	ug/l	100
68) m/p-Xylenes	9.38	106	168075	41.71	ug/l	99
69) o-Xylene	9.78	106	82250	20.88	ug/l	99
70) Styrene	9.80	104	132685	20.86	ug/l	98
71) Bromoform	9.96	173	39756	20.00	ug/l #	99
73) Isopropylbenzene	10.17	105	217686	20.83	ug/l	100
74) N-amyl acetate	10.01	43	90734	21.27	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	74013	20.48	ug/l	98
76) 1,2,3-Trichloropropane	10.50	75	67115m	19.90	ug/l	
77) Bromobenzene	10.45	156	59731	20.72	ug/l	99
78) n-propylbenzene	10.59	91	256566	21.04	ug/l	100
79) 2-Chlorotoluene	10.66	91	150128	21.02	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	187431	21.12	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.50	75	51244m	38.09	ug/l	
82) 4-Chlorotoluene	10.78	91	181061	21.50	ug/l	100
83) tert-Butylbenzene	11.10	119	184050	20.87	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	190704	21.21	ug/l	97
85) sec-Butylbenzene	11.33	105	225993	20.99	ug/l	100
86) p-Isopropyltoluene	11.48	119	202353	20.99	ug/l	100
87) 1,3-Dichlorobenzene	11.42	146	110381	20.63	ug/l	98
88) 1,4-Dichlorobenzene	11.51	146	112321	20.14	ug/l	99
89) n-Butylbenzene	11.89	91	181281	20.38	ug/l	98
90) Hexachloroethane	12.15	117	33422	19.50	ug/l	100
91) 1,2-Dichlorobenzene	11.88	146	109455	20.87	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	18658	21.78	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	74688	21.10	ug/l	98
94) Hexachlorobutadiene	13.70	225	37578	20.14	ug/l	98
95) Naphthalene	13.75	128	219602	20.09	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	76026	21.53	ug/l	99

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

