

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080618\
 Data File : VU025930.D
 Acq On : 07 Aug 2018 09:18
 Operator : MD/SY
 Sample : J4344-07MSD
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0536MSD

Manual Integrations
 APPROVED

apatel
 8/7/2018 2:24:45 PM

Quant Time: Aug 07 10:30:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 00:49:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	195834	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	304031	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	288951	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	180511	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	144408	47.33	ug/l	0.00
Spiked Amount 50.000			Recovery =	94.66%		
35) Dibromofluoromethane	4.89	113	123045	46.53	ug/l	0.00
Spiked Amount 50.000			Recovery =	93.06%		
50) Toluene-d8	7.57	98	427506	46.20	ug/l	0.00
Spiked Amount 50.000			Recovery =	92.40%		
62) 4-Bromofluorobenzene	10.31	95	165866	46.18	ug/l	0.00
Spiked Amount 50.000			Recovery =	92.36%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.21	85	106887	36.11	ug/l	98
3) Chloromethane	1.33	50	110307	38.99	ug/l	99
4) Vinyl Chloride	1.41	62	122514	46.02	ug/l	98
5) Bromomethane	1.63	94	63829	49.09	ug/l	100
6) Chloroethane	1.70	64	75594	48.56	ug/l	98
7) Trichlorofluoromethane	1.89	101	180946	47.01	ug/l	97
8) Diethyl Ether	2.10	74	68256	49.01	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.29	101	97026	43.56	ug/l	100
10) Methyl Iodide	2.41	142	71337	37.03	ug/l	100
11) Tert butyl alcohol	2.83	59	163791	245.18	ug/l	100
12) 1,1-Dichloroethene	2.29	96	95763	45.54	ug/l	95
13) Acrolein	2.20	56	88900	368.42	ug/l	99
14) Allyl chloride	2.60	41	161362	42.70	ug/l	96
15) Acrylonitrile	2.94	53	342267	256.61	ug/l	98
16) Acetone	2.32	43	363871	244.60	ug/l	97
17) Carbon Disulfide	2.48	76	323683	47.56	ug/l	99
18) Methyl Acetate	2.62	43	128398	35.86	ug/l	96
19) Methyl tert-butyl Ether	3.00	73	395460	51.90	ug/l	100
20) Methylene Chloride	2.70	84	123433	46.82	ug/l	98
21) trans-1,2-Dichloroethene	2.99	96	120455	49.56	ug/l	96
22) Diisopropyl ether	3.58	45	378251	50.80	ug/l	93
23) Vinyl Acetate	3.53	43	1271590	195.95	ug/l	99
24) 1,1-Dichloroethane	3.45	63	220228	49.27	ug/l	99
25) 2-Butanone	4.27	43	603654	298.09	ug/l	99
26) 2,2-Dichloropropane	4.23	77	95899	23.60	ug/l	96
27) cis-1,2-Dichloroethene	4.23	96	137158	50.05	ug/l	92
28) Bromochloromethane	4.55	49	97683	48.88	ug/l	95
29) Tetrahydrofuran	4.64	42	303920	250.50	ug/l	99
30) Chloroform	4.68	83	229399	48.62	ug/l	98
31) Cyclohexane	5.00	56	194137	49.93	ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	213919	50.36	ug/l	98
36) 1,1-Dichloropropene	5.14	75	170038	47.86	ug/l	98
37) Ethyl Acetate	4.38	43	144895	39.33	ug/l	98
38) Carbon Tetrachloride	5.14	117	191552	47.60	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	190948	46.90	ug/l	97
40) Benzene	5.39	78	493415	47.51	ug/l	99
41) Methacrylonitrile	4.55	41	99606	48.68	ug/l	97
42) 1,2-Dichloroethane	5.41	62	187874	46.98	ug/l	99
43) Isopropyl Acetate	5.55	43	256431	42.12	ug/l	98
44) Trichloroethene	6.19	130	141792	49.02	ug/l	97
45) 1,2-Dichloropropane	6.44	63	129944	47.97	ug/l	97
46) Dibromomethane	6.56	93	92797	47.28	ug/l	98
47) Bromodichloromethane	6.76	83	180468	48.20	ug/l	96
48) Methyl methacrylate	6.63	41	145060	48.61	ug/l	95
49) 1,4-Dioxane	6.62	88	70831	975.48	ug/l	94
51) 4-Methyl-2-Pentanone	7.46	43	1149079	301.48	ug/l	99
52) Toluene	7.64	92	316680	49.08	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	187575	44.62	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	197276	45.69	ug/l	96
55) 1,1,2-Trichloroethane	8.07	97	131680	49.11	ug/l	99
56) Ethyl methacrylate	8.02	69	195391	51.00	ug/l	95
57) 1,3-Dichloropropane	8.25	76	218776	48.52	ug/l	100
59) 2-Hexanone	8.36	43	887269	296.97	ug/l	97
60) Dibromochloromethane	8.48	129	155321	49.12	ug/l	99
61) 1,2-Dibromoethane	8.59	107	146549	49.14	ug/l	100
64) Tetrachloroethene	8.23	164	123847	48.69	ug/l	98
65) Chlorobenzene	9.12	112	369368	49.58	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	136151	50.52	ug/l	97
67) Ethyl Benzene	9.25	91	629574	51.02	ug/l	100
68) m/p-Xylenes	9.38	106	501006	105.75	ug/l	97
69) o-Xylene	9.78	106	242379	52.35	ug/l	100
70) Styrene	9.80	104	390012	52.15	ug/l	98
71) Bromoform	9.96	173	124315	53.20	ug/l #	100
73) Isopropylbenzene	10.17	105	635758	51.60	ug/l	100
74) N-amyl acetate	10.01	43	200814	39.93	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	209009	49.06	ug/l	98
76) 1,2,3-Trichloropropane	10.50	75	182963m	46.00	ug/l	
77) Bromobenzene	10.45	156	171966	50.60	ug/l	96
78) n-propylbenzene	10.59	91	730682	50.81	ug/l	99
79) 2-Chlorotoluene	10.66	91	430432	51.10	ug/l	100
80) 1,3,5-Trimethylbenzene	10.78	105	540393	51.65	ug/l	98
81) trans-1,4-Dichloro-2-buten	10.51	75	56169m	35.41	ug/l	
82) 4-Chlorotoluene	10.78	91	507640	51.13	ug/l	99
83) tert-Butylbenzene	11.10	119	528145	50.80	ug/l	97
84) 1,2,4-Trimethylbenzene	11.15	105	562165	53.02	ug/l	98
85) sec-Butylbenzene	11.33	105	632052	49.80	ug/l	100
86) p-Isopropyltoluene	11.48	119	560708	49.34	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	313262	49.66	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	313207	47.63	ug/l	99
89) n-Butylbenzene	11.89	91	481359	45.90	ug/l	100
90) Hexachloroethane	12.15	117	96258	47.64	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	307029	49.66	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	49968	49.47	ug/l	96
93) 1,2,4-Trichlorobenzene	13.51	180	211760	50.75	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.69	225	90172	40.99	ug/l	100
95) Naphthalene	13.74	128	653791	48.81	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	211238	50.75	ug/l	99

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

