

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080618\
 Data File : VU025929.D
 Acq On : 07 Aug 2018 08:55
 Operator : MD/SY
 Sample : J4344-06MS
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0536MS

Manual Integrations
 APPROVED

MMDadoda
 8/7/2018 1:51:50 PM

Quant Time: Aug 07 09:19:22 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	192952	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	301429	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	291219	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	181814	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	148566	49.42	ug/l	0.00
Spiked Amount			Recovery	=	98.84%	
35) Dibromofluoromethane	4.89	113	124827	47.61	ug/l	0.00
Spiked Amount			Recovery	=	95.22%	
50) Toluene-d8	7.57	98	438887	47.84	ug/l	0.00
Spiked Amount			Recovery	=	95.68%	
62) 4-Bromofluorobenzene	10.31	95	171814	48.25	ug/l	0.00
Spiked Amount			Recovery	=	96.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.21	85	109448	37.53	ug/l	97
3) Chloromethane	1.33	50	106289	38.13	ug/l	100
4) Vinyl Chloride	1.41	62	121893	46.47	ug/l	99
5) Bromomethane	1.63	94	58365	45.56	ug/l	99
6) Chloroethane	1.70	64	72183	47.06	ug/l	95
7) Trichlorofluoromethane	1.89	101	185515	48.91	ug/l	99
8) Diethyl Ether	2.10	74	69064	50.33	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.29	101	98727	44.98	ug/l	99
10) Methyl Iodide	2.41	142	52973	30.02	ug/l	99
11) Tert butyl alcohol	2.83	59	160632	244.04	ug/l	99
12) 1,1-Dichloroethene	2.29	96	97876	47.24	ug/l	92
13) Acrolein	2.20	56	88242	371.17	ug/l	99
14) Allyl chloride	2.60	41	164434	44.17	ug/l	97
15) Acrylonitrile	2.94	53	338901	257.88	ug/l	99
16) Acetone	2.32	43	358582	244.64	ug/l	98
17) Carbon Disulfide	2.48	76	317493	47.35	ug/l	99
18) Methyl Acetate	2.62	43	129390	36.68	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	390727	52.04	ug/l	100
20) Methylene Chloride	2.71	84	124063	47.76	ug/l	97
21) trans-1,2-Dichloroethene	2.99	96	117992	49.27	ug/l	98
22) Diisopropyl ether	3.57	45	381227	51.96	ug/l	95
23) Vinyl Acetate	3.53	43	1335650	208.90	ug/l	99
24) 1,1-Dichloroethane	3.45	63	222909	50.61	ug/l	99
25) 2-Butanone	4.27	43	597643	299.53	ug/l	100
26) 2,2-Dichloropropane	4.23	77	100565	25.12	ug/l	95
27) cis-1,2-Dichloroethene	4.23	96	136428	50.53	ug/l	93
28) Bromochloromethane	4.55	49	101279	51.43	ug/l	98
29) Tetrahydrofuran	4.64	42	302811	253.31	ug/l	99
30) Chloroform	4.68	83	230464	49.58	ug/l	98
31) Cyclohexane	5.00	56	193743	50.59	ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	214369	51.22	ug/l	99
36) 1,1-Dichloropropene	5.14	75	174457	49.52	ug/l	99
37) Ethyl Acetate	4.38	43	151308	41.42	ug/l	99
38) Carbon Tetrachloride	5.14	117	191760	48.06	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	194710	48.24	ug/l	98
40) Benzene	5.39	78	496258	48.19	ug/l	99
41) Methacrylonitrile	4.54	41	99740	49.16	ug/l	97
42) 1,2-Dichloroethane	5.41	62	188393	47.51	ug/l	98
43) Isopropyl Acetate	5.55	43	261803	43.37	ug/l	99
44) Trichloroethene	6.19	130	143703	50.11	ug/l	96
45) 1,2-Dichloropropane	6.44	63	129761	48.32	ug/l	100
46) Dibromomethane	6.56	93	92885	47.73	ug/l	97
47) Bromodichloromethane	6.76	83	181457	48.89	ug/l	96
48) Methyl methacrylate	6.63	41	146071	49.38	ug/l	98
49) 1,4-Dioxane	6.62	88	70897	984.82	ug/l	95
51) 4-Methyl-2-Pentanone	7.46	43	1147294	303.61	ug/l	99
52) Toluene	7.64	92	324288	50.69	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	187902	45.09	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	194901	45.53	ug/l	96
55) 1,1,2-Trichloroethane	8.07	97	131838	49.59	ug/l	97
56) Ethyl methacrylate	8.02	69	197362	51.96	ug/l	95
57) 1,3-Dichloropropane	8.25	76	218511	48.88	ug/l	99
59) 2-Hexanone	8.36	43	881701	297.65	ug/l	96
60) Dibromochloromethane	8.48	129	155898	49.73	ug/l	100
61) 1,2-Dibromoethane	8.59	107	146048	49.40	ug/l	100
64) Tetrachloroethene	8.23	164	126535	49.36	ug/l	99
65) Chlorobenzene	9.12	112	366499	48.81	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	139378	51.31	ug/l	98
67) Ethyl Benzene	9.25	91	635000	51.06	ug/l	99
68) m/p-Xylenes	9.38	106	502746	105.29	ug/l	99
69) o-Xylene	9.78	106	244971	52.49	ug/l	99
70) Styrene	9.80	104	393530	52.21	ug/l	98
71) Bromoform	9.96	173	123088	52.26	ug/l #	98
73) Isopropylbenzene	10.17	105	637326	51.36	ug/l	99
74) N-amyl acetate	10.01	43	208944	41.24	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	206924	48.22	ug/l	96
76) 1,2,3-Trichloropropane	10.50	75	180685m	45.10	ug/l	
77) Bromobenzene	10.45	156	172326	50.35	ug/l	96
78) n-propylbenzene	10.59	91	736599	50.86	ug/l	99
79) 2-Chlorotoluene	10.66	91	440408	51.91	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	543764	51.60	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.52	75	46023m	28.81	ug/l	
82) 4-Chlorotoluene	10.78	91	511794	51.18	ug/l	99
83) tert-Butylbenzene	11.10	119	532873	50.89	ug/l	97
84) 1,2,4-Trimethylbenzene	11.15	105	564828	52.89	ug/l	98
85) sec-Butylbenzene	11.33	105	634297	49.62	ug/l	100
86) p-Isopropyltoluene	11.48	119	568121	49.63	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	314768	49.54	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	318259	48.06	ug/l	99
89) n-Butylbenzene	11.89	91	484401	45.86	ug/l	99
90) Hexachloroethane	12.15	117	96316	47.32	ug/l	100
91) 1,2-Dichlorobenzene	11.88	146	311679	50.05	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.66	75	50664	49.80	ug/l	98
93) 1,2,4-Trichlorobenzene	13.51	180	206474	49.12	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.70	225	89761	40.51	ug/l	99
95) Naphthalene	13.74	128	635626	47.15	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	209824	50.04	ug/l	100

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

