

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071818\
 Data File : VU025493.D
 Acq On : 18 Jul 2018 13:19
 Operator : MD/SY
 Sample : J3986-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB1C0

Quant Time: Jul 19 01:16:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 19 01:07:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	337253	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	311462	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	158689	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	67411	42.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.76%
7) Chloroethane-d5	1.67	69	62192	45.90	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.80%
11) 1,1-Dichloroethene-d2	2.27	63	182999	52.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.80%
21) 2-Butanone-d5	4.18	46	138392	81.77	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.77%
24) Chloroform-d	4.65	84	192806	46.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.46%
26) 1,2-Dichloroethane-d4	5.31	65	127481	45.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.80%
32) Benzene-d6	5.34	84	349687	46.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.92%
36) 1,2-Dichloropropane-d6	6.33	67	114439	45.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.82%
41) Toluene-d8	7.57	98	330031	45.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.60%
43) trans-1,3-Dichloropropene-	7.85	79	59301	45.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.40%
47) 2-Hexanone-d5	8.31	63	107002	82.80	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.80%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	170547	46.08	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.16%
64) 1,2-Dichlorobenzene-d4	11.86	152	149667	47.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.12%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	67944	24.488	ug/L 99
3) Chloromethane	1.33	50	60213	24.523	ug/L 99
5) Vinyl chloride	1.40	62	125117	50.679	ug/L 98
6) Bromomethane	1.61	94	16559	12.306	ug/L 97
8) Chloroethane	1.69	64	39791	26.933	ug/L 97
9) Trichlorofluoromethane	1.88	101	163538	45.059	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	45800	23.242	ug/L 97
12) 1,1-Dichloroethene	2.28	96	125318	68.556	ug/L 96
16) Methylene chloride	2.70	84	100152	41.896	ug/L 96
17) trans-1,2-Dichloroethene	2.98	96	44389	20.530	ug/L 98
19) 1,1-Dichloroethane	3.45	63	268753	62.136	ug/L 98
20) cis-1,2-Dichloroethene	4.23	96	102386	38.676	ug/L 99
23) Bromochloromethane	4.55	128	53948	40.659	ug/L 95
25) Chloroform	4.68	83	253291	55.731	ug/L 98
27) 1,2-Dichloroethane	5.41	62	254568	67.448	ug/L 98
30) 1,1,1-Trichloroethane	4.92	97	81863	19.751	ug/L 99
31) Carbon tetrachloride	5.14	117	220125	60.454	ug/L 100

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33) Benzene	5.39	78	417883	45.351	ug/L	100
34) Trichloroethene	6.19	95	195764	80.257	ug/L	96
37) 1,2-Dichloropropane	6.44	63	97986	38.549	ug/L	99
38) Bromodichloromethane	6.76	83	66635	19.415	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	99487	25.261	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	178830	47.300	ug/L	97
45) 1,1,2-Trichloroethane	8.07	97	61789	25.639	ug/L	99
46) Tetrachloroethene	8.23	164	146774	72.131	ug/L	97
49) Dibromochloromethane	8.48	129	109917	37.676	ug/L	96
50) 1,2-Dibromoethane	8.59	107	75575	28.411	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	150501	36.272	ug/L	98
61) Bromoform	9.96	173	105759	47.246	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	33296	32.037	ug/L	97

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

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