

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031119\
 Data File : VU029906.D
 Acq On : 08 Mar 2019 22:25
 Operator : JC/SP
 Sample : K1763-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0959

Manual Integrations
 APPROVED

MMDadoda
 3/11/2019 10:52:35 AM

Quant Time: Mar 09 01:17:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 08 22:13:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	423603	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	81219	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	641018	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	4494m	1.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	2.90%#
7) Chloroethane-d5	1.68	69	116017	42.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.08%
11) 1,1-Dichloroethene-d2	2.28	63	33754	5.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	11.12%#
21) 2-Butanone-d5	4.17	46	61832	32.73	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	32.73%#
24) Chloroform-d	4.66	84	417925	83.01	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	166.02%#
26) 1,2-Dichloroethane-d4	5.31	65	173353	54.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.78%
32) Benzene-d6	5.33	84	1760	0.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	1.72%#
36) 1,2-Dichloropropane-d6	6.32	67	188257	306.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	612.36%#
41) Toluene-d8	7.57	98	2263	1.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	2.18%#
43) trans-1,3-Dichloropropene-	7.85	79	1950	5.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	11.96%#
47) 2-Hexanone-d5	8.31	63	194759	568.80	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	568.80%#
57) 1,1,2,2-Tetrachloroethane-	10.43	84	315015	303.21	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	606.42%#
64) 1,2-Dichlorobenzene-d4	11.86	152	466386	33.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	67.52%#

Target Compounds

					Ovalue
3) Chloromethane	1.32	50	10455908	4103.542	ug/L # 82
13) Acetone	2.32	43	28699	14.218	ug/L 96
14) Carbon disulfide	2.48	76	8536	1.162	ug/L # 92
15) Methyl Acetate	2.62	43	12233	4.669	ug/L 96
16) Methylene chloride	2.70	84	1602790	590.476	ug/L 99
17) trans-1,2-Dichloroethene	2.99	96	5504m	2.126	ug/L
19) 1,1-Dichloroethane	3.45	63	13233	2.956	ug/L 97
20) cis-1,2-Dichloroethene	4.24	96	7912m	2.630	ug/L
22) 2-Butanone	4.27	43	15503	6.730	ug/L 86
25) Chloroform	4.67	83	4431854	887.249	ug/L 100
27) 1,2-Dichloroethane	5.41	62	7756	2.020	ug/L 95
30) 1,1,1-Trichloroethane	4.91	97	49103	57.019	ug/L 98
31) Carbon tetrachloride	5.13	117	632182	811.070	ug/L 99
34) Trichloroethene	6.18	95	368395	656.726	ug/L 96
37) 1,2-Dichloropropane	6.43	63	7299	13.353	ug/L # 91
38) Bromodichloromethane	6.75	83	378808	514.040	ug/L 98
40) 4-Methyl-2-pentanone	7.46	43	58861	76.575	ug/L # 52

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45) 1,1,2-Trichloroethane	8.06	97	9327	16.008	ug/L	92
46) Tetrachloroethene	8.22	164	30573	55.683	ug/L	99
49) Dibromochloromethane	8.47	129	60944	86.283	ug/L	99
51) Chlorobenzene	9.14	112	12631m	7.473	ug/L	
63) 1,4-Dichlorobenzene	11.50	146	16733	0.814	ug/L	96

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

