

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031219\
 Data File : VU029970.D
 Acq On : 11 Mar 2019 11:56
 Operator : JC/SP
 Sample : K1734-18
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF2L2

Quant Time: Mar 11 12:47:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 11 12:44:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	496370	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	478071	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	220495	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	144919	47.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.70%
7) Chloroethane-d5	1.68	69	126466	49.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.34%
11) 1,1-Dichloroethene-d2	2.27	63	222742	39.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.04%
21) 2-Butanone-d5	4.17	46	238921	101.83	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.83%
24) Chloroform-d	4.64	84	296647	50.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.66%
26) 1,2-Dichloroethane-d4	5.31	65	181526	52.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.14%
32) Benzene-d6	5.34	84	635842	53.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.74%
36) 1,2-Dichloropropane-d6	6.33	67	193374	53.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.48%
41) Toluene-d8	7.56	98	592163	51.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.60%
43) trans-1,3-Dichloropropene-	7.85	79	89241	51.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.50%
47) 2-Hexanone-d5	8.31	63	179119	92.51	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.51%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	299979	52.80	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	233196	53.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.84%

Target Compounds

					Qvalue
3) Chloromethane	1.33	50	3830	0.764 ug/L	100
5) Vinyl chloride	1.40	62	25662	6.611 ug/L	92
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1971	0.623 ug/L #	51
12) 1,1-Dichloroethene	2.28	96	20490	6.674 ug/L #	1
13) Acetone	2.32	43	2887	1.128 ug/L	99
17) trans-1,2-Dichloroethene	2.98	96	3870	1.189 ug/L	93
20) cis-1,2-Dichloroethene	4.22	96	113280	30.502 ug/L	100
34) Trichloroethene	6.18	95	497483	144.542 ug/L	99
42) Toluene	7.64	91	6203	0.444 ug/L	100
44) trans-1,3-Dichloropropene	7.84	75	3553	0.787 ug/L	85
46) Tetrachloroethene	8.22	164	23772	8.020 ug/L	98
48) 2-Hexanone	8.36	43	11946	3.184 ug/L #	90
59) 1,2,3-Trichloropropane	11.48	75	22483	5.096 ug/L	93

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

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