

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031519\
 Data File : VU030074.D
 Acq On : 14 Mar 2019 15:10
 Operator : JC/SP
 Sample : K1859-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BQ5

Manual Integrations
 APPROVED

MMDadoda
 3/15/2019 9:22:30 AM

Quant Time: Mar 15 02:38:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 15 01:21:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	448345	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	433870	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	217749	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	143330	48.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.66%
7) Chloroethane-d5	1.68	69	117837	49.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.44%
11) 1,1-Dichloroethene-d2	2.27	63	194062	36.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.50%
21) 2-Butanone-d5	4.17	46	201043	90.48	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.48%
24) Chloroform-d	4.65	84	245592	46.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.34%
26) 1,2-Dichloroethane-d4	5.31	65	146831	47.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.56%
32) Benzene-d6	5.34	84	536641	48.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.10%
36) 1,2-Dichloropropane-d6	6.33	67	167475	49.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.00%
41) Toluene-d8	7.56	98	487294	46.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.18%
43) trans-1,3-Dichloropropene-	7.85	79	75747	45.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.50%
47) 2-Hexanone-d5	8.31	63	170298	89.04	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.04%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	237328	45.18	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.36%
64) 1,2-Dichlorobenzene-d4	11.85	152	207636m	49.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.44%

Target Compounds

					Qvalue
13) Acetone	2.32	43	29564	11.380	ug/L 100
51) Chlorobenzene	9.12	112	200632	22.046	ug/L 99
62) 1,3-Dichlorobenzene	11.41	146	33720	4.795	ug/L 98
63) 1,4-Dichlorobenzene	11.50	146	270871	37.882	ug/L 97
65) 1,2-Dichlorobenzene	11.87	146	1433871	202.571	ug/L 98
68) 1,2,4-trichlorobenzene	13.50	180	297537	59.595	ug/L 99
70) 1,2,3-Trichlorobenzene	13.98	180	201502	38.850	ug/L 97

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

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