

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040519\
 Data File : VU030726.D
 Acq On : 05 Apr 2019 08:23
 Operator : JC/SP
 Sample : K2249-04MSD
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E3YD9MSD

Quant Time: Apr 05 09:15:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 05 08:33:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	481502	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	460049	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	191564	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	212604	49.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.92%
7) Chloroethane-d5	1.67	69	164514	50.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.86%
11) 1,1-Dichloroethene-d2	2.27	63	367253	47.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.48%
21) 2-Butanone-d5	4.17	46	335209	98.40	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.40%
24) Chloroform-d	4.64	84	305898	46.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.18%
26) 1,2-Dichloroethane-d4	5.30	65	222746	49.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.44%
32) Benzene-d6	5.34	84	659224	49.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.18%
36) 1,2-Dichloropropane-d6	6.32	67	229899	49.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.90%
41) Toluene-d8	7.56	98	573762	48.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.40%
43) trans-1,3-Dichloropropene-	7.85	79	95627	45.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.12%
47) 2-Hexanone-d5	8.31	63	202296	96.17	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.17%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	299147	48.18	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.36%
64) 1,2-Dichlorobenzene-d4	11.85	152	188642	50.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.14%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.28	96	138937	41.743	ug/L	93
13) Acetone	2.32	43	15155	4.348	ug/L	98
19) 1,1-Dichloroethane	3.44	63	11024	1.512	ug/L	95
20) cis-1,2-Dichloroethene	4.22	96	4059	1.040	ug/L	98
30) 1,1,1-Trichloroethane	4.91	97	26055	4.647	ug/L	97
33) Benzene	5.39	78	674258	44.787	ug/L	100
34) Trichloroethene	6.18	95	161744	43.804	ug/L	99
42) Toluene	7.63	91	682229	44.394	ug/L	99
51) Chlorobenzene	9.12	112	425725	45.169	ug/L	99

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

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