

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040519\
 Data File : VU030729.D
 Acq On : 05 Apr 2019 09:32
 Operator : JC/SP
 Sample : K2249-10
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E3YE4

Quant Time: Apr 06 00:17:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 05 23:39:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	464773	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	456391	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	195086	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	212010	51.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.20%
7) Chloroethane-d5	1.68	69	163740	52.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.00%
11) 1,1-Dichloroethene-d2	2.27	63	513379	68.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	136.82%#
21) 2-Butanone-d5	4.17	46	326461	99.28	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.28%
24) Chloroform-d	4.64	84	294306	46.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.88%
26) 1,2-Dichloroethane-d4	5.31	65	219003	50.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.28%
32) Benzene-d6	5.34	84	657389	49.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.68%
36) 1,2-Dichloropropane-d6	6.32	67	228584	50.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.12%
41) Toluene-d8	7.56	98	579297	49.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.10%
43) trans-1,3-Dichloropropene-	7.85	79	96564	46.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.76%
47) 2-Hexanone-d5	8.31	63	212366	101.76	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.76%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	301812	49.00	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	196565	51.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.46%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Trichlorofluoromethane	1.88	101	13141	2.206	ug/L	99
12) 1,1-Dichloroethene	2.28	96	388419	120.899	ug/L	86
13) Acetone	2.32	43	15810	4.699	ug/L	92
17) trans-1,2-Dichloroethene	2.98	96	10464	3.067	ug/L	95
19) 1,1-Dichloroethane	3.44	63	775706	110.189	ug/L	99
20) cis-1,2-Dichloroethene	4.22	96	923151	245.090	ug/L	99
25) Chloroform	4.67	83	69078	9.763	ug/L	97
27) 1,2-Dichloroethane	5.41	62	9698	1.796	ug/L	99
30) 1,1,1-Trichloroethane	4.91	97	2170002	390.147	ug/L	100
34) Trichloroethene	6.18	95	503224	137.377	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	10435	2.909	ug/L	96
46) Tetrachloroethene	8.22	164	198639	74.587	ug/L	99

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

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