

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060619\
 Data File : VU032519.D
 Acq On : 07 Jun 2019 00:35
 Operator : JC/SP
 Sample : K3215-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8J0

Quant Time: Jun 07 07:13:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 07 07:01:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	201974	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	190327	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	98025	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	40298	30.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	61.50%
7) Chloroethane-d5	1.68	69	38043	36.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	72.26%
11) 1,1-Dichloroethene-d2	2.27	63	65680	25.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	51.20%#
21) 2-Butanone-d5	4.17	46	110192	100.48	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.48%
24) Chloroform-d	4.64	84	104544	42.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.56%
26) 1,2-Dichloroethane-d4	5.30	65	71148	46.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.42%
32) Benzene-d6	5.33	84	211750	42.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.72%
36) 1,2-Dichloropropane-d6	6.32	67	70233	45.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.66%
41) Toluene-d8	7.56	98	197864	42.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.46%
43) trans-1,3-Dichloropropene-	7.85	79	32175	43.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.78%
47) 2-Hexanone-d5	8.31	63	74179	98.71	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.71%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	109024	48.56	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.12%
64) 1,2-Dichlorobenzene-d4	11.85	152	90834	48.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.76%

Target Compounds

					Ovalue
13) Acetone	2.32	43	1677	1.482	ug/L 98
17) trans-1,2-Dichloroethene	2.98	96	4016	3.092	ug/L 96
20) cis-1,2-Dichloroethene	4.22	96	113752	77.394	ug/L 99
33) Benzene	5.39	78	25194	4.711	ug/L 100
34) Trichloroethene	6.18	95	94127	64.697	ug/L 98
46) Tetrachloroethene	8.22	164	66189	55.084	ug/L 97
51) Chlorobenzene	9.12	112	81249	21.533	ug/L 99
52) Ethylbenzene	9.25	91	3754	0.575	ug/L 98
54) o-xylene	9.77	106	2690	1.091	ug/L 74
56) Isopropylbenzene	10.16	105	16298	2.508	ug/L 98
63) 1,4-Dichlorobenzene	11.50	146	14709	4.851	ug/L 99
65) 1,2-Dichlorobenzene	11.87	146	13876	4.628	ug/L 92

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

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