

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060619\
 Data File : VU032524.D
 Acq On : 07 Jun 2019 02:30
 Operator : JC/SP
 Sample : K3215-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8J3

Manual Integrations
 APPROVED

MMDadoda
 6/7/2019 10:17:52 AM

Quant Time: Jun 07 07:28:22 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	202157	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	189690	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	100300	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	40633	30.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	61.96%
7) Chloroethane-d5	1.67	69	38605	36.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	73.26%
11) 1,1-Dichloroethene-d2	2.27	63	67671	26.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	52.70%#
21) 2-Butanone-d5	4.17	46	133739	121.85	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	121.85%
24) Chloroform-d	4.64	84	106983	43.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.48%
26) 1,2-Dichloroethane-d4	5.30	65	72764	47.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.44%
32) Benzene-d6	5.33	84	216524	43.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.94%
36) 1,2-Dichloropropane-d6	6.32	67	71786	46.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.98%
41) Toluene-d8	7.56	98	202707	43.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.82%
43) trans-1,3-Dichloropropene-	7.85	79	31512	42.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.28%
47) 2-Hexanone-d5	8.31	63	98122	131.00	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	131.00%#
57) 1,1,2,2-Tetrachloroethane-	10.43	84	116123	51.90	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.80%
64) 1,2-Dichlorobenzene-d4	11.85	152	96597	50.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.56%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.32	43	17146	15.140	ug/L	97
17) trans-1,2-Dichloroethene	2.98	96	758	0.583	ug/L	90
19) 1,1-Dichloroethane	3.44	63	4975	2.099	ug/L	95
20) cis-1,2-Dichloroethene	4.22	96	5628m	3.826	ug/L	
33) Benzene	5.39	78	18632	3.496	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	12891	5.672	ug/L	98
42) Toluene	7.63	91	97675	16.734	ug/L	99
51) Chlorobenzene	9.12	112	2171	0.577	ug/L	94
52) Ethylbenzene	9.25	91	42868	6.589	ug/L	99
53) m,p-Xylene	9.37	106	52398	21.180	ug/L	99
54) o-xylene	9.77	106	40051	16.305	ug/L	98
56) Isopropylbenzene	10.16	105	21301	3.289	ug/L	99

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

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