

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032319\
 Data File : VU030355.D
 Acq On : 23 Mar 2019 21:07
 Operator : JC/SP
 Sample : K2063-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB6R7

Manual Integrations
 APPROVED

MMDadoda
 3/24/2019 12:36:42 PM

Quant Time: Mar 24 12:36:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sun Mar 24 02:05:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	513826	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	505797	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	262203	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	157060	37.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.96%
7) Chloroethane-d5	1.68	69	132278	40.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.72%
11) 1,1-Dichloroethene-d2	2.27	63	232384	29.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.24%#
21) 2-Butanone-d5	4.17	46	357417	91.95	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.95%
24) Chloroform-d	4.65	84	291593	40.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.86%
26) 1,2-Dichloroethane-d4	5.31	65	196538	42.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.32%
32) Benzene-d6	5.35	84	627045	43.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.46%
36) 1,2-Dichloropropane-d6	6.33	67	215174	43.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.72%
41) Toluene-d8	7.58	98	609112	46.76	ug/L	0.01
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.52%
43) trans-1,3-Dichloropropene-	7.85	79	111302	47.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.40%
47) 2-Hexanone-d5	8.31	63	295326	109.82	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.82%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	328076	46.20	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	233050	44.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.72%

Target Compounds

					Ovalue
13) Acetone	2.32	43	212958	54.171	ug/L 91
22) 2-Butanone	4.26	43	238371	50.165	ug/L 97
29) Cyclohexane	5.00	56	2329297	304.313	ug/L 97
33) Benzene	5.38	78	36801310m	2137.393	ug/L
35) Methylcyclohexane	6.41	83	1529595	219.606	ug/L 95
42) Toluene	7.63	91	52337816m	2928.942	ug/L
48) 2-Hexanone	8.36	43	335533	49.881	ug/L # 93
50) 1,2-Dibromoethane	8.58	107	1513539	341.592	ug/L 100
52) Ethylbenzene	9.24	91	25002900m	1291.656	ug/L
53) m,p-Xylene	9.38	106	31177426m	4460.682	ug/L
54) o-xylene	9.78	106	22306291m	3270.811	ug/L
56) Isopropylbenzene	10.17	105	2368320	131.152	ug/L 99

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

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