

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032319\
 Data File : VU030354.D
 Acq On : 23 Mar 2019 20:44
 Operator : JC/SP
 Sample : K2063-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB6R6

Manual Integrations
 APPROVED

MMDadoda
 3/24/2019 12:36:37 PM

Quant Time: Mar 24 12:33:15 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	475627	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	467664	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	240912	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	153115	40.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.00%
7) Chloroethane-d5	1.68	69	132573	43.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.40%
11) 1,1-Dichloroethene-d2	2.27	63	226742	31.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.46%
21) 2-Butanone-d5	4.17	46	322226	89.55	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.55%
24) Chloroform-d	4.65	84	283927	43.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.10%
26) 1,2-Dichloroethane-d4	5.31	65	191213	44.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.62%
32) Benzene-d6	5.34	84	608500	45.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.74%
36) 1,2-Dichloropropane-d6	6.33	67	208379	45.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.82%
41) Toluene-d8	7.57	98	581350	48.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.54%
43) trans-1,3-Dichloropropene-	7.85	79	99235	45.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.98%
47) 2-Hexanone-d5	8.31	63	244348	98.27	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.27%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	299277	45.58	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.16%
64) 1,2-Dichlorobenzene-d4	11.86	152	221420	45.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.74%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
6) Bromomethane	1.63	94	9910	3.881	ug/L	97
22) 2-Butanone	4.27	43	44354	10.084	ug/L	77
29) Cyclohexane	4.99	56	2086383	294.803	ug/L	98
33) Benzene	5.38	78	29497966m	1852.915	ug/L	
35) Methylcyclohexane	6.41	83	1277622	198.387	ug/L	93
42) Toluene	7.63	91	42178078m	2552.844	ug/L	
48) 2-Hexanone	8.36	43	140305	22.559	ug/L #	41
50) 1,2-Dibromoethane	8.58	107	771493	188.317	ug/L	99
52) Ethylbenzene	9.24	91	21291486m	1189.611	ug/L	
53) m,p-Xylene	9.38	106	25932597m	4012.816	ug/L	
54) o-xylene	9.78	106	17332446m	2748.719	ug/L	
56) Isopropylbenzene	10.16	105	1576950	94.448	ug/L	100

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

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