

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071819\
 Data File : VU033307.D
 Acq On : 18 Jul 2019 10:34
 Operator : JC/SP
 Sample : K3828-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAMR0

Manual Integrations
 APPROVED

MMDadoda
 7/19/2019 10:58:17 AM

Quant Time: Jul 19 02:04:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 19 01:43:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	310813	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	310083	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	157319	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	46629	19.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	39.64%#
7) Chloroethane-d5	1.67	69	55135	27.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	54.86%#
11) 1,1-Dichloroethene-d2	2.26	63	59909	14.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	28.08%#
21) 2-Butanone-d5	4.15	46	160776	107.84	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.84%
24) Chloroform-d	4.62	84	148666	37.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.40%
26) 1,2-Dichloroethane-d4	5.28	65	102515	40.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.08%
32) Benzene-d6	5.32	84	233780	30.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	61.46%#
36) 1,2-Dichloropropane-d6	6.31	67	95704	39.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	78.56%
41) Toluene-d8	7.55	98	203870	28.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	56.84%#
43) trans-1,3-Dichloropropene-	7.83	79	48317	40.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.88%
47) 2-Hexanone-d5	8.29	63	123231	112.18	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.18%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	184769	50.10	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.20%
64) 1,2-Dichlorobenzene-d4	11.85	152	139535	49.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.48%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.31	43	22095	11.862	ug/L	98
16) Methylene chloride	2.69	84	3509	1.481	ug/L #	73
22) 2-Butanone	4.25	43	5855m	2.830	ug/L	
29) Cyclohexane	4.97	56	59317	17.555	ug/L	94
35) Methylcyclohexane	6.40	83	93433	25.791	ug/L	91
52) Ethylbenzene	9.23	91	175319	16.806	ug/L	98
53) m,p-Xylene	9.36	106	106341	26.912	ug/L	99
56) Isopropylbenzene	10.15	105	59413	5.885	ug/L	98

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

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