

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071819\
 Data File : VU033322.D
 Acq On : 18 Jul 2019 16:23
 Operator : JC/SP
 Sample : K3828-03MSD
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleID :
 GAMR0MSD

Manual Integrations
 APPROVED

MMDadoda
 7/19/2019 10:57:01 AM

Quant Time: Jul 19 04:31:05 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	5.86	114	387223	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	374701	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	195083	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	160139	54.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	109.26%
7) Chloroethane-d5	1.67	69	136352	54.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.90%
11) 1,1-Dichloroethene-d2	2.26	63	274045	51.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.08%
21) 2-Butanone-d5	4.15	46	221907	119.48	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	119.48%
24) Chloroform-d	4.62	84	248072	50.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.00%
26) 1,2-Dichloroethane-d4	5.28	65	162910	51.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.42%
32) Benzene-d6	5.32	84	531871	57.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.72%
36) 1,2-Dichloropropane-d6	6.31	67	165663	56.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	112.52%
41) Toluene-d8	7.55	98	496305	57.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.52%
43) trans-1,3-Dichloropropene-	7.83	79	82796	57.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	114.68%
47) 2-Hexanone-d5	8.29	63	168522	126.95	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	126.95%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	239471	53.73	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.46%
64) 1,2-Dichlorobenzene-d4	11.85	152	201699	57.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	115.96%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.27	96	118648	45.906	ug/L	95
13) Acetone	2.31	43	25538	11.005	ug/L	99
16) Methylene chloride	2.68	84	3595	1.218	ug/L #	63
22) 2-Butanone	4.25	43	7252m	2.813	ug/L	
29) Cyclohexane	4.97	56	56856	13.925	ug/L	97
33) Benzene	5.37	78	534648	48.928	ug/L	100
34) Trichloroethene	6.16	95	136505	47.766	ug/L	96
35) Methylcyclohexane	6.39	83	88643	20.249	ug/L	94
42) Toluene	7.62	91	590020	50.083	ug/L	100
51) Chlorobenzene	9.10	112	378079	49.168	ug/L	98
52) Ethylbenzene	9.23	91	188167	14.927	ug/L	99
53) m,p-Xylene	9.36	106	114138	23.904	ug/L	99
56) Isopropylbenzene	10.15	105	67504	5.533	ug/L	97

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

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