

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071819\
 Data File : VU033308.D
 Acq On : 18 Jul 2019 10:57
 Operator : JC/SP
 Sample : K3828-02MS
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAMR0MS

Manual Integrations
 APPROVED

MMDadoda
 7/19/2019 10:56:31 AM

Quant Time: Jul 19 02:18:38 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	329028	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	331307	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	165583	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	50864	20.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	40.84%#
7) Chloroethane-d5	1.67	69	56164	26.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	52.80%#
11) 1,1-Dichloroethene-d2	2.26	63	119168	26.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	52.76%#
21) 2-Butanone-d5	4.15	46	173419	109.89	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.89%
24) Chloroform-d	4.62	84	152834	36.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	73.22%
26) 1,2-Dichloroethane-d4	5.29	65	101685	37.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.96%
32) Benzene-d6	5.32	84	239765	29.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	59.00%#
36) 1,2-Dichloropropane-d6	6.31	67	96905	37.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	74.44%
41) Toluene-d8	7.55	98	209103	27.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	54.56%#
43) trans-1,3-Dichloropropene-	7.83	79	50132	39.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.54%
47) 2-Hexanone-d5	8.29	63	129781	110.57	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.57%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	193760	49.17	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.34%
64) 1,2-Dichlorobenzene-d4	11.85	152	143621	48.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.28%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.27	96	100281	45.662	ug/L #	78
13) Acetone	2.31	43	23815	12.078	ug/L	98
16) Methylene chloride	2.68	84	3880	1.547	ug/L #	68
22) 2-Butanone	4.25	43	5498m	2.510	ug/L	
29) Cyclohexane	4.97	56	55543	15.385	ug/L	94
33) Benzene	5.37	78	465698	48.200	ug/L	100
34) Trichloroethene	6.16	95	119963	47.476	ug/L	98
35) Methylcyclohexane	6.39	83	85548	22.101	ug/L	92
42) Toluene	7.62	91	514456	49.389	ug/L	100
51) Chlorobenzene	9.10	112	330252	48.574	ug/L	99
52) Ethylbenzene	9.23	91	172597	15.485	ug/L	99
53) m,p-Xylene	9.36	106	103743	24.573	ug/L	97
56) Isopropylbenzene	10.15	105	59691	5.533	ug/L	98

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

