

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071819\
 Data File : VU033309.D
 Acq On : 18 Jul 2019 11:20
 Operator : JC/SP
 Sample : K3828-03MSD
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAMR0MSD

Manual Integrations
 APPROVED

MMDadoda
 7/19/2019 10:56:35 AM

Quant Time: Jul 19 02:21:03 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	340412	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	337624	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	170346	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	50141	19.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	38.92%#
7) Chloroethane-d5	1.67	69	56524	25.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	51.36%#
11) 1,1-Dichloroethene-d2	2.26	63	131163	28.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.12%#
21) 2-Butanone-d5	4.15	46	173556	106.29	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.29%
24) Chloroform-d	4.62	84	153737	35.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	71.20%
26) 1,2-Dichloroethane-d4	5.29	65	101119	36.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	73.02%
32) Benzene-d6	5.32	84	244481	29.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	59.04%#
36) 1,2-Dichloropropane-d6	6.31	67	97368	36.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	73.40%
41) Toluene-d8	7.55	98	212355	27.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	54.38%#
43) trans-1,3-Dichloropropene-	7.83	79	51219	39.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.74%
47) 2-Hexanone-d5	8.29	63	132377	110.68	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.68%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	192905	48.04	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.08%
64) 1,2-Dichlorobenzene-d4	11.85	152	142802	47.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.02%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.27	96	108119	47.585	ug/L #	77
13) Acetone	2.31	43	23549	11.543	ug/L	99
16) Methylene chloride	2.68	84	3230	1.245	ug/L #	72
22) 2-Butanone	4.25	43	5219m	2.303	ug/L	
29) Cyclohexane	4.97	56	51950	14.121	ug/L	96
33) Benzene	5.37	78	467670	47.498	ug/L	100
34) Trichloroethene	6.16	95	121633	47.236	ug/L	97
35) Methylcyclohexane	6.40	83	82427	20.897	ug/L	92
42) Toluene	7.62	91	516434	48.651	ug/L	100
51) Chlorobenzene	9.10	112	334712	48.309	ug/L	99
52) Ethylbenzene	9.23	91	164900	14.517	ug/L	100
53) m,p-Xylene	9.36	106	100669	23.398	ug/L	99
56) Isopropylbenzene	10.15	105	57826	5.260	ug/L	98

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

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