

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092519\
 Data File : VU034813.D
 Acq On : 25 Sep 2019 19:33
 Operator : JC/SP
 Sample : K4983-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BDF2

Manual Integrations
 APPROVED

MMDadoda
 9/26/2019 1:06:24 PM

Quant Time: Sep 26 08:31:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 26 06:56:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	433032	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	418884	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	194259	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	203536	45.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.82%
7) Chloroethane-d5	1.67	69	174652m	50.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.94%
11) 1,1-Dichloroethene-d2	2.26	63	272702	36.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.64%
21) 2-Butanone-d5	4.15	46	385582	113.49	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.49%
24) Chloroform-d	4.62	84	336939	52.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.56%
26) 1,2-Dichloroethane-d4	5.29	65	237986	50.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.46%
32) Benzene-d6	5.32	84	707688	54.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.02%
36) 1,2-Dichloropropane-d6	6.31	67	250677	55.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.48%
41) Toluene-d8	7.54	98	686282	55.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.12%
43) trans-1,3-Dichloropropene-	7.83	79	110968	51.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.12%
47) 2-Hexanone-d5	8.29	63	270113	118.51	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	118.51%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	344995	54.79	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.58%
64) 1,2-Dichlorobenzene-d4	11.84	152	243798	59.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	119.70%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.31	43	47773	12.088	ug/L	92
15) Methyl Acetate	2.60	43	6733	1.275	ug/L #	88
16) Methylene chloride	2.69	84	46377	12.923	ug/L	93
20) cis-1,2-Dichloroethene	4.20	96	5469	1.510	ug/L	69
33) Benzene	5.37	78	20848	1.435	ug/L	100
34) Trichloroethene	6.17	95	3736	1.041	ug/L	90
42) Toluene	7.61	91	268432	17.097	ug/L	97
52) Ethylbenzene	9.23	91	119673	6.769	ug/L	100
53) m,p-Xylene	9.35	106	161208	25.743	ug/L	91
54) o-xylene	9.76	106	111308	17.971	ug/L	99
56) Isopropylbenzene	10.15	105	17153	1.027	ug/L	98
65) 1,2-Dichlorobenzene	11.86	146	21236	3.124	ug/L	96

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

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