

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU092519\
 Data File : VU034812.D
 Acq On : 25 Sep 2019 19:10
 Operator : JC/SP
 Sample : K4983-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 26 08:27:56 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	438398	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	426991	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	204012	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	194690	43.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.76%
7) Chloroethane-d5	1.67	69	172841	49.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.66%
11) 1,1-Dichloroethene-d2	2.26	63	264031	34.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.48%
21) 2-Butanone-d5	4.15	46	422448	122.81	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	122.81%
24) Chloroform-d	4.62	84	331304	50.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.56%
26) 1,2-Dichloroethane-d4	5.29	65	228990	47.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.48%
32) Benzene-d6	5.32	84	694465	52.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.94%
36) 1,2-Dichloropropane-d6	6.31	67	245059	52.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.96%
41) Toluene-d8	7.54	98	659291	52.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.72%
43) trans-1,3-Dichloropropene-	7.83	79	107043	48.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.64%
47) 2-Hexanone-d5	8.29	63	282433	121.56	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	121.56%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	335732	52.31	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.62%
64) 1,2-Dichlorobenzene-d4	11.84	152	244606	57.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.36%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.31	43	50894	12.720	ug/L	89
15) Methyl Acetate	2.60	43	6631m	1.241	ug/L	
16) Methylene chloride	2.68	84	61957	17.053	ug/L	97
20) cis-1,2-Dichloroethene	4.20	96	12668m	3.455	ug/L	
29) Cyclohexane	4.97	56	16543	2.347	ug/L	90
33) Benzene	5.37	78	104077	7.028	ug/L	100
35) Methylcyclohexane	6.40	83	16481	2.655	ug/L	98
42) Toluene	7.61	91	672617	42.027	ug/L	98
52) Ethylbenzene	9.23	91	504200	27.976	ug/L	97
53) m,p-Xylene	9.35	106	550464	86.233	ug/L	96
54) o-xylene	9.76	106	453298	71.795	ug/L	97
56) Isopropylbenzene	10.14	105	47546	2.793	ug/L	97
63) 1,4-Dichlorobenzene	11.48	146	6088	0.846	ug/L	95
65) 1,2-Dichlorobenzene	11.85	146	41542	5.819	ug/L	94

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

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