

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092519\
 Data File : VU034822.D
 Acq On : 25 Sep 2019 23:05
 Operator : JC/SP
 Sample : K4983-12
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFDJ5

Manual Integrations
 APPROVED

MMDadoda
 9/26/2019 1:06:49 PM

Quant Time: Sep 26 09:09:43 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	447149	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	428863	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	201275	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	187920	41.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.10%
7) Chloroethane-d5	1.67	69	165567	46.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.60%
11) 1,1-Dichloroethene-d2	2.26	63	254331	32.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.62%
21) 2-Butanone-d5	4.15	46	400691	114.21	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.21%
24) Chloroform-d	4.62	84	321185	48.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.52%
26) 1,2-Dichloroethane-d4	5.29	65	224539	45.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.80%
32) Benzene-d6	5.32	84	672922	50.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.24%
36) 1,2-Dichloropropane-d6	6.31	67	242077	52.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.20%
41) Toluene-d8	7.54	98	644780	50.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.96%
43) trans-1,3-Dichloropropene-	7.83	79	101410	45.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.14%
47) 2-Hexanone-d5	8.29	63	283453	121.47	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	121.47%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	330476	51.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.52%
64) 1,2-Dichlorobenzene-d4	11.84	152	229322	54.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.66%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.31	43	85253	20.890	ug/L	95
15) Methyl Acetate	2.61	43	5355	0.982	ug/L #	91
16) Methylene chloride	2.68	84	82471	22.254	ug/L	93
22) 2-Butanone	4.26	43	32550m	6.704	ug/L	
51) Chlorobenzene	9.10	112	10578	1.083	ug/L	88
52) Ethylbenzene	9.23	91	28480	1.573	ug/L	96
53) m,p-Xylene	9.35	106	40125	6.258	ug/L	95
54) o-xylene	9.76	106	31430	4.956	ug/L	76
56) Isopropylbenzene	10.14	105	40716	2.381	ug/L	98
65) 1,2-Dichlorobenzene	11.85	146	7879	1.119	ug/L #	82

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

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