

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092519\
 Data File : VU034817.D
 Acq On : 25 Sep 2019 21:07
 Operator : JC/SP
 Sample : K4983-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFDM2

Manual Integrations
 APPROVED

MMDadoda
 9/26/2019 1:42:27 PM

Quant Time: Sep 26 13:23:14 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	461727	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	443914	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	219811	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	195700	41.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.80%
7) Chloroethane-d5	1.67	69	169782	46.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.94%
11) 1,1-Dichloroethene-d2	2.26	63	279126m	34.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.74%
21) 2-Butanone-d5	4.15	46	403519	111.38	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.38%
24) Chloroform-d	4.62	84	328932	47.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.74%
26) 1,2-Dichloroethane-d4	5.28	65	228978	45.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.66%
32) Benzene-d6	5.32	84	699855	50.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.72%
36) 1,2-Dichloropropane-d6	6.31	67	245057	50.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.92%
41) Toluene-d8	7.54	98	668986	51.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.22%
43) trans-1,3-Dichloropropene-	7.83	79	105528	45.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.64%
47) 2-Hexanone-d5	8.29	63	297310	123.09	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	123.09%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	335866	50.33	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.66%
64) 1,2-Dichlorobenzene-d4	11.84	152	245374	53.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.46%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.31	43	123043	29.198	ug/L	96
15) Methyl Acetate	2.60	43	5503	0.978	ug/L #	90
16) Methylene chloride	2.68	84	80416	21.015	ug/L	91
22) 2-Butanone	4.25	43	30587	6.101	ug/L	91
29) Cyclohexane	4.97	56	15970	2.180	ug/L	95
33) Benzene	5.37	78	396721	25.768	ug/L	100
40) 4-Methyl-2-pentanone	7.44	43	24349	2.782	ug/L #	95
42) Toluene	7.61	91	1860248	111.801	ug/L	99
51) Chlorobenzene	9.10	112	15680	1.550	ug/L	95
52) Ethylbenzene	9.23	91	1458001	77.815	ug/L	97
53) m,p-Xylene	9.35	106	1896291	285.738	ug/L	97
54) o-xylene	9.76	106	1003389	152.862	ug/L	97
56) Isopropylbenzene	10.14	105	105573	5.965	ug/L	99
62) 1,3-Dichlorobenzene	11.40	146	10211	1.341	ug/L	88
63) 1,4-Dichlorobenzene	11.48	146	20941	2.701	ug/L	96
65) 1,2-Dichlorobenzene	11.85	146	221540	28.803	ug/L	97

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

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