

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092519\
 Data File : VU034814.D
 Acq On : 25 Sep 2019 19:57
 Operator : JC/SP
 Sample : K4983-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFDF4

Manual Integrations
 APPROVED

MMDadoda
 9/26/2019 1:06:28 PM

Quant Time: Sep 26 09:45:08 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	425796	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	411468	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	191679	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	197569	45.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.64%
7) Chloroethane-d5	1.67	69	170603	50.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.28%
11) 1,1-Dichloroethene-d2	2.26	63	263741	35.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.46%
21) 2-Butanone-d5	4.15	46	401088	120.06	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	120.06%
24) Chloroform-d	4.62	84	322628	50.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.82%
26) 1,2-Dichloroethane-d4	5.29	65	230012	49.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.74%
32) Benzene-d6	5.32	84	702540	55.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.18%
36) 1,2-Dichloropropane-d6	6.31	67	244434	54.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.66%
41) Toluene-d8	7.54	98	665795	54.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.74%
43) trans-1,3-Dichloropropene-	7.83	79	105819	49.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.12%
47) 2-Hexanone-d5	8.29	63	269752	120.49	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	120.49%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	320844	51.87	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.74%
64) 1,2-Dichlorobenzene-d4	11.84	152	236105	58.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	117.48%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.31	43	75422	19.408	ug/L	95
16) Methylene chloride	2.68	84	117654	33.341	ug/L	92
22) 2-Butanone	4.26	43	22551m	4.878	ug/L	
25) Chloroform	4.64	83	9169m	1.333	ug/L	
29) Cyclohexane	4.97	56	6148	0.905	ug/L #	80
33) Benzene	5.37	78	103562	7.257	ug/L	100
34) Trichloroethene	6.17	95	6417	1.821	ug/L	94
35) Methylcyclohexane	6.40	83	6699	1.120	ug/L	97
40) 4-Methyl-2-pentanone	7.44	43	38690	4.769	ug/L	95
42) Toluene	7.61	91	441494	28.626	ug/L	99
46) Tetrachloroethene	8.21	164	2834	1.143	ug/L	97
52) Ethylbenzene	9.23	91	233070	13.420	ug/L	98
53) m,p-Xylene	9.35	106	385226	62.624	ug/L	99
54) o-xylene	9.76	106	295408	48.553	ug/L	95
56) Isopropylbenzene	10.14	105	32823	2.001	ug/L	96
63) 1,4-Dichlorobenzene	11.49	146	6002	0.888	ug/L #	79
65) 1,2-Dichlorobenzene	11.85	146	40324	6.012	ug/L	99

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

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