

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092319\
 Data File : VU034746.D
 Acq On : 23 Sep 2019 20:32
 Operator : JC/SP
 Sample : K4932-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFDG4

Manual Integrations
 APPROVED

MMDadoda
 9/24/2019 12:48:09 PM

Quant Time: Sep 24 04:36:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 24 03:36:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	470269	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	454764	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	221308	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	199690	41.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.96%
7) Chloroethane-d5	1.67	69	167270	44.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.90%
11) 1,1-Dichloroethene-d2	2.26	63	284418	34.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.78%
21) 2-Butanone-d5	4.15	46	417767	113.22	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.22%
24) Chloroform-d	4.62	84	348187	49.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.50%
26) 1,2-Dichloroethane-d4	5.29	65	255603	49.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.36%
32) Benzene-d6	5.32	84	699423	49.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.24%
36) 1,2-Dichloropropane-d6	6.31	67	253649	51.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.96%
41) Toluene-d8	7.54	98	676763	50.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.94%
43) trans-1,3-Dichloropropene-	7.83	79	113153	47.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.90%
47) 2-Hexanone-d5	8.29	63	275213	111.22	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.22%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	336103	49.17	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.34%
64) 1,2-Dichlorobenzene-d4	11.84	152	247114	53.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.50%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.31	43	63605	14.819	ug/L	96
16) Methylene chloride	2.68	84	40681	10.438	ug/L	97
22) 2-Butanone	4.26	43	16502m	3.232	ug/L	
29) Cyclohexane	4.97	56	16798	2.238	ug/L	100
33) Benzene	5.37	78	225923	14.324	ug/L	100
34) Trichloroethene	6.17	95	5386m	1.383	ug/L	
35) Methylcyclohexane	6.39	83	14570	2.204	ug/L	97
42) Toluene	7.61	91	1036562	60.811	ug/L	97
51) Chlorobenzene	9.10	112	19867	1.917	ug/L	96
52) Ethylbenzene	9.23	91	392791	20.463	ug/L	99
53) m,p-Xylene	9.35	106	525221	77.253	ug/L	94
54) o-xylene	9.76	106	393087	58.456	ug/L	99
56) Isopropylbenzene	10.14	105	39701	2.190	ug/L	99
65) 1,2-Dichlorobenzene	11.85	146	34414	4.444	ug/L	95

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

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