

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051419\
 Data File : VU032011.D
 Acq On : 14 May 2019 21:45
 Operator : JC/SP
 Sample : K2738-13
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB898

Manual Integrations
 APPROVED

MMDadoda
 5/15/2019 10:30:45 AM

Quant Time: May 15 05:53:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 15 04:26:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1166974	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1147720	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	539649	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	395512	38.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.24%
7) Chloroethane-d5	1.68	69	343706	41.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.90%
11) 1,1-Dichloroethene-d2	2.27	63	558083	30.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.80%
21) 2-Butanone-d5	4.17	46	643816	89.78	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.78%
24) Chloroform-d	4.64	84	696442	40.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.26%
26) 1,2-Dichloroethane-d4	5.31	65	447939	41.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.98%
32) Benzene-d6	5.34	84	1502431	45.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.44%
36) 1,2-Dichloropropane-d6	6.32	67	490896	44.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.56%
41) Toluene-d8	7.56	98	1475587	49.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.14%
43) trans-1,3-Dichloropropene-	7.85	79	221856	45.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.74%
47) 2-Hexanone-d5	8.31	63	426943	96.04	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.04%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	726288	44.76	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.52%
64) 1,2-Dichlorobenzene-d4	11.86	152	531059	46.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.54%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.32	43	127217	17.257	ug/L	90
22) 2-Butanone	4.27	43	81083	9.536	ug/L	97
29) Cyclohexane	4.99	56	5537484	393.611	ug/L	98
34) Trichloroethene	6.18	95	11403m	1.225	ug/L	
35) Methylcyclohexane	6.41	83	6167983	432.040	ug/L	97
42) Toluene	7.64	91	58955	1.528	ug/L	95
46) Tetrachloroethene	8.22	164	18039	2.744	ug/L	96
52) Ethylbenzene	9.24	91	955128	23.136	ug/L	97
53) m,p-Xylene	9.37	106	681165	45.212	ug/L	99
54) o-xylene	9.77	106	27518	1.850	ug/L	93
56) Isopropylbenzene	10.16	105	8538262	224.013	ug/L	100

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

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