

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051419\
 Data File : VU032004.D
 Acq On : 14 May 2019 19:00
 Operator : JC/SP
 Sample : K2738-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB888

Quant Time: May 15 05:21:07 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	1176266	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	1173967	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	542493	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	402860	39.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.06%
7) Chloroethane-d5	1.68	69	340879	40.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.58%
11) 1,1-Dichloroethene-d2	2.27	63	549942	29.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.44%#
21) 2-Butanone-d5	4.17	46	639554	88.49	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.49%
24) Chloroform-d	4.64	84	698031	40.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.80%
26) 1,2-Dichloroethane-d4	5.30	65	452520	41.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.16%
32) Benzene-d6	5.34	84	1499299	44.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.22%
36) 1,2-Dichloropropane-d6	6.32	67	495686	44.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.40%
41) Toluene-d8	7.56	98	1470311	48.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.58%
43) trans-1,3-Dichloropropene-	7.85	79	225033	45.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.98%
47) 2-Hexanone-d5	8.31	63	434340	95.51	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.51%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	712806	42.95	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.90%
64) 1,2-Dichlorobenzene-d4	11.86	152	511184	44.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.56%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.32	43	92174	12.405	ug/L	89
17) trans-1,2-Dichloroethene	2.98	96	25371	2.807	ug/L	93
22) 2-Butanone	4.28	43	27563	3.216	ug/L	80
29) Cyclohexane	4.99	56	4534004	315.077	ug/L	98
33) Benzene	5.39	78	17215	0.448	ug/L	100
35) Methylcyclohexane	6.41	83	7187299	492.183	ug/L	97
42) Toluene	7.64	91	29457	0.746	ug/L	93
46) Tetrachloroethene	8.22	164	4363	0.649	ug/L	95
52) Ethylbenzene	9.24	91	1562900	37.011	ug/L	100
53) m,p-Xylene	9.37	106	91452	5.934	ug/L	96
56) Isopropylbenzene	10.16	105	9068982	232.617	ug/L	100

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

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