

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122018\
 Data File : VU028848.D
 Acq On : 21 Dec 2018 00:44
 Operator : MD/SY
 Sample : J6513-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F55

Quant Time: Dec 21 07:13:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 21 05:57:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	211233	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	201783	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	92416	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	72191	42.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.26%
7) Chloroethane-d5	1.67	69	68701	52.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.04%
11) 1,1-Dichloroethene-d2	2.27	63	87365	30.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.36%
21) 2-Butanone-d5	4.17	46	140532	118.45	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	118.45%
24) Chloroform-d	4.65	84	103476	38.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.72%
26) 1,2-Dichloroethane-d4	5.31	65	73176	44.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.16%
32) Benzene-d6	5.34	84	256593	45.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.02%
36) 1,2-Dichloropropane-d6	6.33	67	89993	46.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.94%
41) Toluene-d8	7.57	98	244213	47.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.54%
43) trans-1,3-Dichloropropene-	7.85	79	43352	49.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.92%
47) 2-Hexanone-d5	8.31	63	120169	130.65	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	130.65%#
57) 1,1,2,2-Tetrachloroethane-	10.43	84	133752	49.78	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.56%
64) 1,2-Dichlorobenzene-d4	11.86	152	88338	47.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.52%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
29) Cyclohexane	5.00	56	1771311	659.553	ug/L	99
33) Benzene	5.40	78	16395262	2552.193	ug/L	100
35) Methylcyclohexane	6.41	83	906929	351.103	ug/L	96
42) Toluene	7.64	91	8418430	1292.760	ug/L	98
52) Ethylbenzene	9.25	91	8930515	1276.301	ug/L	97
53) m,p-Xylene	9.39	106	7156775	2765.930	ug/L	91
54) o-xylene	9.78	106	1511179	582.721	ug/L	99
56) Isopropylbenzene	10.16	105	395159	60.067	ug/L	99

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

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