

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U122418\
 Data File : VU028940.D
 Acq On : 24 Dec 2018 12:17
 Operator : MD/SY
 Sample : J6542-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F71

Quant Time: Dec 25 00:57:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 25 00:02:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	243792	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	224092	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	103675	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	78772	40.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.60%
7) Chloroethane-d5	1.67	69	66223	43.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.74%
11) 1,1-Dichloroethene-d2	2.27	63	109565	33.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.66%
21) 2-Butanone-d5	4.17	46	132378	96.67	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.67%
24) Chloroform-d	4.65	84	146824	47.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.54%
26) 1,2-Dichloroethane-d4	5.31	65	91290	48.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.38%
32) Benzene-d6	5.34	84	321437	50.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.54%
36) 1,2-Dichloropropane-d6	6.33	67	106893	49.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.40%
41) Toluene-d8	7.56	98	298526	52.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.06%
43) trans-1,3-Dichloropropene-	7.85	79	49358	51.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.44%
47) 2-Hexanone-d5	8.31	63	113264	110.88	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.88%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	150925	50.58	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.16%
64) 1,2-Dichlorobenzene-d4	11.86	152	115427	55.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.10%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acetone	2.32	43	3299	2.364	ug/L	79
29) Cyclohexane	4.99	56	40675	13.638	ug/L	97
33) Benzene	5.39	78	35033	4.911	ug/L	100
35) Methylcyclohexane	6.41	83	60543	21.105	ug/L	98
42) Toluene	7.64	91	35751	4.943	ug/L	97
52) Ethylbenzene	9.25	91	34317	4.416	ug/L	97
53) m,p-Xylene	9.38	106	48452	16.861	ug/L	96
54) o-xylene	9.78	106	56667	19.676	ug/L	95
56) Isopropylbenzene	10.17	105	25070	3.431	ug/L	99

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

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