

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031020.D
 Acq On : 10 Apr 2019 18:49
 Operator : JC/SP
 Sample : K2249-14DL 20X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E3YE6DL

Quant Time: Apr 11 06:34:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 11 05:17:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	444949	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	439447	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	188797	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	217856	54.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	109.70%
7) Chloroethane-d5	1.68	69	178334	59.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	118.32%
11) 1,1-Dichloroethene-d2	2.27	63	297145	41.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.72%
21) 2-Butanone-d5	4.17	46	348720	110.78	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.78%
24) Chloroform-d	4.64	84	335954	55.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.74%
26) 1,2-Dichloroethane-d4	5.31	65	243038	58.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	117.40%
32) Benzene-d6	5.34	84	696937	54.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.66%
36) 1,2-Dichloropropane-d6	6.32	67	234660	53.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.74%
41) Toluene-d8	7.56	98	596459	52.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.90%
43) trans-1,3-Dichloropropene-	7.85	79	103294	51.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.04%
47) 2-Hexanone-d5	8.31	63	198336	98.70	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.70%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	328938	55.47	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	110.94%
64) 1,2-Dichlorobenzene-d4	11.86	152	215046	57.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	115.84%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.40	62	36798	7.519	ug/L #	82
8) Chloroethane	1.69	64	22717	8.139	ug/L	90
12) 1,1-Dichloroethene	2.28	96	8237	2.678	ug/L #	1
19) 1,1-Dichloroethane	3.44	63	316547	46.969	ug/L	96
20) cis-1,2-Dichloroethene	4.22	96	300349	83.293	ug/L	94
30) 1,1,1-Trichloroethane	4.91	97	139031	25.960	ug/L	98
42) Toluene	7.64	91	23384	1.593	ug/L	96
52) Ethylbenzene	9.25	91	13168	0.823	ug/L	90
53) m,p-Xylene	9.37	106	15139	2.713	ug/L	98
54) o-xylene	9.78	106	8354	1.505	ug/L	81

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

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