

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040619\
 Data File : VU030776.D
 Acq On : 06 Apr 2019 05:15
 Operator : JC/SP
 Sample : K2249-11DL 5X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E3YE5DL

Manual Integrations
 APPROVED

MMDadoda
 4/8/2019 2:49:23 PM

Quant Time: Apr 08 01:32:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Apr 08 01:03:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	463869	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	439539	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	179426	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	207132	50.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.04%
7) Chloroethane-d5	1.68	69	161827	51.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.98%
11) 1,1-Dichloroethene-d2	2.27	63	331167	44.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.44%
21) 2-Butanone-d5	4.17	46	342559	104.38	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.38%
24) Chloroform-d	4.64	84	298637	47.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.42%
26) 1,2-Dichloroethane-d4	5.31	65	216300	50.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.22%
32) Benzene-d6	5.34	84	636537	49.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.22%
36) 1,2-Dichloropropane-d6	6.32	67	222243	50.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.08%
41) Toluene-d8	7.56	98	539774	47.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.92%
43) trans-1,3-Dichloropropene-	7.85	79	91677	45.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.44%
47) 2-Hexanone-d5	8.31	63	198275	98.65	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.65%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	291208	49.09	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.18%
64) 1,2-Dichlorobenzene-d4	11.86	152	179424	50.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.70%

Target Compounds

					Ovalue	
12) 1,1-Dichloroethene	2.28	96	75161m	23.440	ug/L	
17) trans-1,2-Dichloroethene	2.98	96	2849	0.837	ug/L	88
19) 1,1-Dichloroethane	3.44	63	238141	33.894	ug/L	98
20) cis-1,2-Dichloroethene	4.22	96	90805	24.155	ug/L	97
30) 1,1,1-Trichloroethane	4.91	97	514032	95.962	ug/L	98
34) Trichloroethene	6.18	95	50492	14.312	ug/L	98
45) 1,1,2-Trichloroethane	8.07	97	1650	0.478	ug/L	94
46) Tetrachloroethene	8.22	164	37091	14.461	ug/L	97

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

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