

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042919\
 Data File : VU031621.D
 Acq On : 30 Apr 2019 05:28
 Operator : JC/SP
 Sample : K2593-10 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X74

Manual Integrations
 APPROVED

MMDadoda
 4/30/2019 11:45:04 AM

Quant Time: Apr 30 05:58:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 30 04:50:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	633816	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	637103	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	230634	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	323405	60.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	121.94%
7) Chloroethane-d5	1.68	69	240065	58.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	117.12%
11) 1,1-Dichloroethene-d2	2.27	63	449607	42.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.12%
21) 2-Butanone-d5	4.18	46	588421	122.43	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	122.43%
24) Chloroform-d	4.64	84	505921	52.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.16%
26) 1,2-Dichloroethane-d4	5.31	65	360476	56.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.58%
32) Benzene-d6	5.34	84	1009219	51.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.18%
36) 1,2-Dichloropropane-d6	6.33	67	376268	54.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.34%
41) Toluene-d8	7.56	98	835778	49.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.10%
43) trans-1,3-Dichloropropene-	7.85	79	146182	49.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.96%
47) 2-Hexanone-d5	8.31	63	342259	114.88	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.88%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	456233	49.39	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.78%
64) 1,2-Dichlorobenzene-d4	11.86	152	248981	51.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.66%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Trichlorofluoromethane	1.88	101	1048413	116.653	ug/L	99
16) Methylene chloride	2.70	84	68589	11.753	ug/L	99
17) trans-1,2-Dichloroethene	2.98	96	12563	2.438	ug/L	93
20) cis-1,2-Dichloroethene	4.22	96	101604	18.382	ug/L	89
31) Carbon tetrachloride	5.13	117	9349	1.225	ug/L	100
34) Trichloroethene	6.17	95	32295897m	5687.914	ug/L	
40) 4-Methyl-2-pentanone	7.47	43	31416	3.071	ug/L	99
42) Toluene	7.63	91	237383	10.174	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	16004	2.919	ug/L	95
46) Tetrachloroethene	8.22	164	306211	79.106	ug/L	95
52) Ethylbenzene	9.26	91	11303	0.467	ug/L	93
53) m,p-Xylene	9.38	106	16979	2.013	ug/L	91
54) o-xylene	9.78	106	8269	0.989	ug/L	89

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

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