

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042719\
 Data File : VU031561.D
 Acq On : 27 Apr 2019 03:22
 Operator : JC/SP
 Sample : K2592-14 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X77

Manual Integrations
 APPROVED

MMDadoda
 4/29/2019 10:20:40 AM

Quant Time: Apr 27 04:35:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 27 03:26:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	873653	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	807993	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	311411	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	373398	51.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.14%
7) Chloroethane-d5	1.68	69	290796	51.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.92%
11) 1,1-Dichloroethene-d2	2.27	63	533628	36.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.30%
21) 2-Butanone-d5	4.18	46	699676	105.61	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.61%
24) Chloroform-d	4.64	84	625845	46.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.48%
26) 1,2-Dichloroethane-d4	5.31	65	418527	47.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.68%
32) Benzene-d6	5.34	84	1280808	51.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.24%
36) 1,2-Dichloropropane-d6	6.32	67	449797	51.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.06%
41) Toluene-d8	7.56	98	1096056	50.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.44%
43) trans-1,3-Dichloropropene-	7.85	79	180331	48.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.26%
47) 2-Hexanone-d5	8.31	63	440771	116.66	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.66%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	569529	48.62	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.24%
64) 1,2-Dichlorobenzene-d4	11.86	152	349907	53.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.86%

Target Compounds

					Ovalue
9) Trichlorofluoromethane	1.88	101	486720	39.289 ug/L	98
20) cis-1,2-Dichloroethene	4.22	96	10534	1.383 ug/L	98
31) Carbon tetrachloride	5.13	117	15007	1.551 ug/L	90
34) Trichloroethene	6.17	95	20479662m	2844.006 ug/L	
42) Toluene	7.64	91	38938	1.316 ug/L	99
46) Tetrachloroethene	8.22	164	512502	104.397 ug/L	97
53) m,p-Xylene	9.37	106	13420	1.255 ug/L	89
54) o-xylene	9.78	106	9229	0.870 ug/L	94

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

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