

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042919\
 Data File : VU031622.D
 Acq On : 30 Apr 2019 05:51
 Operator : JC/SP
 Sample : K2593-11 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X75

Manual Integrations
 APPROVED

MMDadoda
 4/30/2019 11:45:08 AM

Quant Time: Apr 30 08:06:02 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	651992	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	652881	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	241723	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	338646	62.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	124.12%
7) Chloroethane-d5	1.68	69	253956	60.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	120.44%
11) 1,1-Dichloroethene-d2	2.27	63	471674	43.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.82%
21) 2-Butanone-d5	4.19	46	605048	122.38	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	122.38%
24) Chloroform-d	4.64	84	538343	53.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.74%
26) 1,2-Dichloroethane-d4	5.31	65	373551	57.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.42%
32) Benzene-d6	5.34	84	1050313	52.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.78%
36) 1,2-Dichloropropane-d6	6.33	67	394207	55.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	111.78%
41) Toluene-d8	7.56	98	877225	50.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.48%
43) trans-1,3-Dichloropropene-	7.85	79	152941	50.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.02%
47) 2-Hexanone-d5	8.31	63	350220	114.72	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.72%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	474781	50.16	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.32%
64) 1,2-Dichlorobenzene-d4	11.85	152	262506	51.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.28%

Target Compounds

					Ovalue
9) Trichlorofluoromethane	1.88	101	1042739	112.787 ug/L	98
16) Methylene chloride	2.70	84	69233	11.533 ug/L	95
17) trans-1,2-Dichloroethene	2.98	96	12277	2.316 ug/L	99
20) cis-1,2-Dichloroethene	4.22	96	100861	17.739 ug/L	86
31) Carbon tetrachloride	5.13	117	9180	1.174 ug/L	100
34) Trichloroethene	6.17	95	32260797m	5544.424 ug/L	
40) 4-Methyl-2-pentanone	7.47	43	31795	3.033 ug/L	92
42) Toluene	7.63	91	230335	9.633 ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	15971	2.843 ug/L	92
46) Tetrachloroethene	8.22	164	289167	72.898 ug/L	96
52) Ethylbenzene	9.25	91	10487	0.423 ug/L	98
53) m,p-Xylene	9.37	106	16076	1.860 ug/L	93
54) o-xylene	9.78	106	7994	0.933 ug/L	95

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

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