

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042919\
 Data File : VU031619.D
 Acq On : 30 Apr 2019 04:42
 Operator : JC/SP
 Sample : K2593-08 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0WZ4

Manual Integrations
 APPROVED

MMDadoda
 4/30/2019 11:44:55 AM

Quant Time: Apr 30 05:52:51 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	624427	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	622972	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	225444	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	322772	61.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	123.52%
7) Chloroethane-d5	1.68	69	242494	60.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	120.10%
11) 1,1-Dichloroethene-d2	2.27	63	454275	43.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.30%
21) 2-Butanone-d5	4.19	46	584439	123.43	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	123.43%
24) Chloroform-d	4.64	84	509703	53.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.50%
26) 1,2-Dichloroethane-d4	5.31	65	359457	57.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.98%
32) Benzene-d6	5.34	84	987000	51.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.18%
36) 1,2-Dichloropropane-d6	6.33	67	374203	55.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	111.20%
41) Toluene-d8	7.56	98	813039	48.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.60%
43) trans-1,3-Dichloropropene-	7.85	79	144238	49.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.86%
47) 2-Hexanone-d5	8.31	63	326818	112.19	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.19%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	460563	50.99	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.98%
64) 1,2-Dichlorobenzene-d4	11.86	152	247766	52.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.52%

Target Compounds

					Ovalue
5) Vinyl chloride	1.40	62	9839	1.267 ug/L #	22
9) Trichlorofluoromethane	1.88	101	30682	3.465 ug/L	98
16) Methylene chloride	2.70	84	83173	14.466 ug/L	95
17) trans-1,2-Dichloroethene	2.98	96	9649	1.901 ug/L	86
20) cis-1,2-Dichloroethene	4.22	96	197453	36.261 ug/L	91
34) Trichloroethene	6.17	95	25059477m	4513.556 ug/L	
40) 4-Methyl-2-pentanone	7.47	43	18441	1.843 ug/L #	94
42) Toluene	7.64	91	189394	8.301 ug/L	98
46) Tetrachloroethene	8.22	164	46319	12.237 ug/L	91

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

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