

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061719\
 Data File : VU032794.D
 Acq On : 17 Jun 2019 19:44
 Operator : JC/SP
 Sample : K3324-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0JR5

Quant Time: Jun 18 04:43:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 18 02:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	228603	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	221229	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	111143	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	62429	39.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.92%
7) Chloroethane-d5	1.68	69	54215	43.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.02%
11) 1,1-Dichloroethene-d2	2.27	63	100909	32.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.12%
21) 2-Butanone-d5	4.17	46	144927	111.45	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.45%
24) Chloroform-d	4.64	84	134805	44.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.78%
26) 1,2-Dichloroethane-d4	5.30	65	95039	46.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.96%
32) Benzene-d6	5.33	84	262840	45.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.16%
36) 1,2-Dichloropropane-d6	6.32	67	87137	47.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.86%
41) Toluene-d8	7.56	98	239116	44.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.56%
43) trans-1,3-Dichloropropene-	7.84	79	43062	45.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.12%
47) 2-Hexanone-d5	8.31	63	104840	122.22	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	122.22%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	134559	47.38	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.76%
64) 1,2-Dichlorobenzene-d4	11.85	152	101747	47.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.62%

Target Compounds

					Ovalue
5) Vinyl chloride	1.40	62	21321	10.271	ug/L 93
13) Acetone	2.32	43	16434	9.150	ug/L 98
15) Methyl Acetate	2.62	43	2049	1.006	ug/L # 76
16) Methylene chloride	2.69	84	2327	1.378	ug/L 99
17) trans-1,2-Dichloroethene	2.98	96	22303	14.287	ug/L 98
20) cis-1,2-Dichloroethene	4.22	96	2619536	1540.305	ug/L 95
34) Trichloroethene	6.18	95	426991	250.760	ug/L 99
42) Toluene	7.63	91	4889	0.709	ug/L 91

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

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