

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU010719\
 Data File : VU029054.D
 Acq On : 07 Jan 2019 12:52
 Operator : MD/SY
 Sample : K1048-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0950

Manual Integrations
 APPROVED

MMDadoda
 1/8/2019 9:17:20 AM

Quant Time: Jan 08 02:49:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 08 01:37:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	191860	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.13	117	238405	50.00	ug/L	0.05
60) 1,4-Dichlorobenzene-d4	11.51	152	142379	50.00	ug/L	0.03

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	73411	47.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.46%
7) Chloroethane-d5	1.67	69	57955	48.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.56%
11) 1,1-Dichloroethene-d2	2.27	63	95289	36.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.68%
21) 2-Butanone-d5	4.18	46	103697	96.23	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.23%
24) Chloroform-d	4.65	84	130816	54.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.18%
26) 1,2-Dichloroethane-d4	5.31	65	73380	49.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.44%
32) Benzene-d6	5.34	84	266451	39.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.12%
36) 1,2-Dichloropropane-d6	6.33	67	87494	38.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	76.48%
41) Toluene-d8	7.57	98	239433	39.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.46%#
43) trans-1,3-Dichloropropene-	7.85	79	40029	39.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.08%
47) 2-Hexanone-d5	8.31	63	76340	70.25	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	70.25%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	127076	40.03	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.06%
64) 1,2-Dichlorobenzene-d4	11.90	152	148680	51.63	ug/L	0.04
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.26%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.32	43	21169	19.276	ug/L	99
25) Chloroform	4.67	83	336826	136.595	ug/L	99
29) Cyclohexane	4.99	56	17133	5.400	ug/L	98
31) Carbon tetrachloride	5.13	117	125396	61.625	ug/L	99
33) Benzene	5.39	78	23381632m	3080.627	ug/L	
35) Methylcyclohexane	6.41	83	7135	2.338	ug/L	# 79
38) Bromodichloromethane	6.76	83	3412	1.452	ug/L	94
42) Toluene	7.64	91	9631	1.252	ug/L	99
46) Tetrachloroethene	8.23	164	2599	1.842	ug/L	89
51) Chlorobenzene	9.12	112	46055727m	9498.070	ug/L	
62) 1,3-Dichlorobenzene	11.43	146	6324610	1398.361	ug/L	98
63) 1,4-Dichlorobenzene	11.52	146	30326009m	6507.950	ug/L	
65) 1,2-Dichlorobenzene	11.89	146	34786274m	7372.960	ug/L	
68) 1,2,4-trichlorobenzene	13.52	180	10209418	3655.985	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	2209635	733.810	ug/L	99

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

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