

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030420\
 Data File : VU037061.D
 Acq On : 05 Mar 2020 00:51
 Operator : JC/MD
 Sample : L1780-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0DG5

Manual Integrations
 APPROVED

sam
 3/5/2020 3:34:53 PM

Quant Time: Mar 05 03:59:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 05 02:52:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	288366	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.47	117	297148	50.00	ug/L	0.04
60) 1,4-Dichlorobenzene-d4	11.83	152	137230	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	91928	37.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.92%
7) Chloroethane-d5	1.92	69	91079	45.46	ug/L	0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.92%
11) 1,1-Dichloroethene-d2	2.58	63	130532	32.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.38%
21) 2-Butanone-d5	4.67	46	154789	95.29	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.29%
24) Chloroform-d	5.10	84	170976	46.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.48%
26) 1,2-Dichloroethane-d4	5.75	65	58269	23.28	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	46.56%#
32) Benzene-d6	5.80	84	408934	47.59	ug/L	0.04
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.18%
36) 1,2-Dichloropropane-d6	6.73	67	125820	45.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.38%
41) Toluene-d8	7.92	98	352942	44.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.54%
43) trans-1,3-Dichloropropene-	8.20	79	53418	41.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.58%
47) 2-Hexanone-d5	8.66	63	111140	81.65	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.65%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	170536	43.45	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.90%
64) 1,2-Dichlorobenzene-d4	12.21	152	119741	44.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.28%

Target Compounds

					Ovalue
3) Chloromethane	1.53	50	3772	1.340 ug/L	90
12) 1,1-Dichloroethene	2.60	96	12203	6.552 ug/L #	1
13) Acetone	2.66	43	4256	2.547 ug/L	95
17) trans-1,2-Dichloroethene	3.38	96	2536	1.267 ug/L	93
20) cis-1,2-Dichloroethene	4.71	96	3858	1.724 ug/L	99
29) Cyclohexane	5.43	56	10013	2.539 ug/L	99
33) Benzene	5.80	78	57795532m	6156.737 ug/L	
34) Trichloroethene	6.58	95	4809	2.084 ug/L	93
42) Toluene	8.00	91	9826	0.982 ug/L	96
51) Chlorobenzene	9.47	112	42071457m	7099.597 ug/L	
62) 1,3-Dichlorobenzene	11.76	146	871313	195.725 ug/L	99
63) 1,4-Dichlorobenzene	11.86	146	16079108m	3655.803 ug/L	
65) 1,2-Dichlorobenzene	12.24	146	8426326	1895.724 ug/L	97
68) 1,2,4-trichlorobenzene	13.87	180	96276	45.476 ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	4958	2.344 ug/L	98

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

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