

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032620\
 Data File : VV015203.D
 Acq On : 27 Mar 2020 10:58
 Operator : SY/MD
 Sample : L1976-16
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTJ5

Manual Integrations
 APPROVED

apatel
 3/30/2020 2:57:40 PM

Quant Time: Mar 28 02:57:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 28 01:31:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	5.64	114	501597	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	473144	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	205591	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	139625	51.88	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	103.76%		
7) Chloroethane-d5	1.58	69	134605	49.61	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	99.22%		
11) 1,1-Dichloroethene-d2	2.12	63	210225	34.26	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	68.52%		
21) 2-Butanone-d5	3.93	46	198803	74.19	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	74.19%		
24) Chloroform-d	4.38	84	268530m	45.53	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.06%		
26) 1,2-Dichloroethane-d4	5.06	65	178916	45.95	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.90%		
32) Benzene-d6	5.08	84	509776	52.38	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	104.76%		
36) 1,2-Dichloropropane-d6	6.10	67	167745	47.78	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	95.56%		
41) Toluene-d8	7.34	98	462679	52.46	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	104.92%		
43) trans-1,3-Dichloropropene-	7.64	79	87513	45.77	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.54%		
47) 2-Hexanone-d5	8.12	63	162516	79.17	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	79.17%		
57) 1,1,2,2-Tetrachloroethane-	10.24	84	246644	41.37	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	82.74%		
64) 1,2-Dichlorobenzene-d4	11.65	152	176223	45.91	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.82%		

MD
 03/30/2020

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	4491	0.912	ug/L	# 6
20) cis-1,2-Dichloroethene	3.95	96	12731	3.251	ug/L	# 81
25) Chloroform	4.41	83	5484	0.820	ug/L	# 88
34) Trichloroethene	5.95	95	10698	2.915	ug/L	# 97

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