Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032620\
Data File : VV015187.D
Acq On : 27 Mar 2020 00:14
Operator : SY/MD
Sample : L1976-03MSD
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ETTH9MSD

Manual Integrations APPROVED
apatel
3/27/2020 4:18:10 PM

Quant Time: Mar 27 06:16:54 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032620WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 27 03:08:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	449282	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	399880	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	152119	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	123188	51.10	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 102.20%			
7) Chloroethane-d5	1.58	69	131741	54.21	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 108.42%			
11) 1,1-Dichloroethene-d2	2.12	63	231960	42.20	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 84.40%			
21) 2-Butanone-d5	3.93	46	259944	108.31	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 108.31%			
24) Chloroform-d	4.38	84	275702	52.19	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.38%			
26) 1,2-Dichloroethane-d4	5.06	65	201135	57.67	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 115.34%			
32) Benzene-d6	5.08	84	490673	59.65	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 119.30%			
36) 1,2-Dichloropropane-d6	6.10	67	181113	61.04	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 122.08%#			
41) Toluene-d8	7.34	98	384757	51.62	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.24%			
43) trans-1,3-Dichloropropene-	7.64	79	65751	40.69	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 81.38%			
47) 2-Hexanone-d5	8.12	63	202007	116.44	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 116.44%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	292613	58.07	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 116.14%			
64) 1,2-Dichlorobenzene-d4	11.65	152	152598	53.73	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 107.46%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	283745	64.342	ug/L	98
12) 1,1-Dichloroethene	2.13	96	133216	36.764	ug/L	95
17) trans-1,2-Dichloroethene	2.78	96	3642	1.157	ug/L	88
20) cis-1,2-Dichloroethene	3.94	96	835807	238.263	ug/L #	98
25) Chloroform	4.41	83	9684m	1.616	ug/L	
33) Benzene	5.13	78	617645	51.881	ug/L	100
34) Trichloroethene	5.94	95	180972	58.355	ug/L	98
42) Toluene	7.41	91	582859	43.885	ug/L	100
51) Chlorobenzene	8.90	112	394866	46.545	ug/L	97

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

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