Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041621\
Data File : VV021047.D
Acq On : 16 Apr 2021 15:02
Operator : SY/MD
Sample : M2067-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG7A0

Manual Integrations APPROVED
MMDadoda
4/20/2021 10:33:05 AM

Quant Time: Apr 17 00:49:30 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041421WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 17 00:47:19 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	408413	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.860	117	410578	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	212680	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	93326	42.01	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 84.02%			
7) Chloroethane-d5	1.571	69	83480	47.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 95.58%			
11) 1,1-Dichloroethene-d2	2.114	63	252974	53.08	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 106.16%			
21) 2-Butanone-d5	3.905	46	164911	112.86	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 112.86%			
24) Chloroform-d	4.355	84	287657	52.15	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.30%			
26) 1,2-Dichloroethane-d4	5.037	65	203297	54.54	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 109.08%			
32) Benzene-d6	5.056	84	519071	51.21	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.42%			
36) 1,2-Dichloropropane-d6	6.082	67	149217	53.02	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 106.04%			
41) Toluene-d8	7.323	98	512813	51.05	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.10%			
43) trans-1,3-Dichloroprop...	7.628	79	93795	54.08	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 108.16%			
47) 2-Hexanone-d5	8.098	63	148199	122.60	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 122.60%			
56) 1,1,2,2-Tetrachloroeth...	10.223	84	243530	53.39	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 106.78%			
66) 1,2-Dichlorobenzene-d4	11.631	152	253406	58.36	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 116.72%			
Target Compounds						Qvalue
5) Vinyl chloride	1.314	62	21089	8.66	ug/L #	65
12) 1,1-Dichloroethene	2.121	96	173596	70.99	ug/L #	82
17) trans-1,2-Dichloroethene	2.767	96	5887	2.26	ug/L	91
20) cis-1,2-Dichloroethene	3.915	96	406783	146.74	ug/L	96
33) Benzene	5.108	78	2225450	216.96	ug/L	100
34) Trichloroethene	5.921	95	29793913m	10085.90	ug/L	
42) Toluene	7.400	91	54974	4.75	ug/L	94
46) Tetrachloroethene	7.985	164	44572116m	15852.88	ug/L	
54) o-Xylene	9.554	106	8197	1.65	ug/L	78

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

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