Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041221\
Data File : BM029452.D
Acq On : 12 Apr 2021 15:07
Operator : CG/JU
Sample : SSTD16013
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD160013

Manual Integrations APPROVED
mohammad
4/14/2021 2:34:42 PM

Quant Time: Apr 12 15:43:15 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM041221.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Apr 12 15:01:13 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	105117	20.00	ng/ul	0.00
20) Naphthalene-d8	10.47	136	416443	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.32	164	216453	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.07	188	379948	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	357623	20.00	ng/ul	0.00
87) Perylene-d12	23.46	264	338424	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
4) Pyridine-d5	3.59	84	1413656	202.24	ng/ul	-0.01
7) Phenol-d5	6.87	99	1606749	193.55	ng/ul	0.02
9) Bis-(2-Chloroethyl)ether-d	7.03	67	1024757	213.58	ng/ul	0.00
11) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
15) 4-Methylphenol-d8	8.40	113	1208734	187.59	ng/ul	0.02
21) Nitrobenzene-d5	0.00	128	0d	0.00	ng/ul	
24) 2-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
28) 2,4-Dichlorophenol-d3	0.00	165	0d	0.00	ng/ul	
31) 4-Chloroaniline-d4	10.61	131	1506517	160.93	ng/ul	0.01
46) Dimethylphthalate-d6	0.00	166	0d	0.00	ng/ul	
49) Acenaphthylene-d8	0.00	160	0d	0.00	ng/ul	
54) 4-Nitrophenol-d4	14.55	143	520461	195.77	ng/ul	0.03
60) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
65) 4,6-Dinitro-2-methylphenol	15.46	200	454780	253.90	ng/ul	0.02
73) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
80) Pyrene-d10	0.00	212	0d	0.00	ng/ul	
91) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	
Target Compounds						Qvalue
5) Pyridine	3.61	79	1432719	199.513	ng/ul	97
6) Benzaldehyde	6.83	77	458847	102.998	ng/ul	98
8) Phenol	6.90	94	1696579	194.455	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.12	93	1280112	198.562	ng/ul	100
13) 2-Methylphenol	8.13	108	1227376	190.713	ng/ul	99
14) 2,2'-oxybis(1-Chloropropan	8.22	45	1927183	228.069	ng/ul	99
16) Acetophenone	8.52	105	2013856	191.235	ng/ul	99
18) 4-Methylphenol	8.48	108	1303209	190.708	ng/ul	95
32) 4-Chloroaniline	10.63	127	1566030	164.488	ng/ul	99
34) Caprolactam	11.46	113	322581m	189.513	ng/ul	
40) Hexachlorocyclopentadiene	12.49	237	883658	179.868	ng/ul	99
51) 3-Nitroaniline	14.24	138	546853	190.163	ng/ul	91
53) 2,4-Dinitrophenol	14.45	184	378684	271.381	ng/ul	94
55) 4-Nitrophenol	14.57	109	521134	206.023	ng/ul	97
63) 4-Nitroaniline	15.42	138	467882	155.903	ng/ul	97
66) 4,6-Dinitro-2-methylphenol	15.47	198	466184	247.432	ng/ul	98
70) Atrazine	16.55	200	799822	172.018	ng/ul	99
71) Pentachlorophenol	16.72	266	504521	197.263	ng/ul	96
76) Carbazole	17.47	167	3646596	171.885	ng/ul	100
83) 3,3'-Dichlorobenzidine	21.17	252	1216093	164.204	ng/ul	98
88) Di-n-octyl phthalate	22.04	149	5331713	246.974	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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