Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062022\
Data File : BG053948.D
Acq On : 20 Jun 2022 14:43
Operator : CG/JU
Sample : SSTD16033
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD160433

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 06/21/2022
Supervised By :mohammad ahmed 06/27/2022

Quant Time: Jun 20 15:17:01 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062022.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 20 14:06:57 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.082	152	20463	20.000	ng/ul	0.00
20) Naphthalene-d8	10.891	136	80960	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.710	164	63547	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.453	188	162084	20.000	ng/ul	# 0.01
79) Chrysene-d12	21.731	240	174317	20.000	ng/ul	# 0.01
88) Perylene-d12	24.998	264	183887	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	3.916	84	197553	165.621	ng/ul	0.00
7) Phenol-d5	7.242	99	239529	153.921	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.406	67	136984	136.182	ng/ul	0.00
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.793	113	199459	154.737	ng/ul	0.02
21) Nitrobenzene-d5	0.000	128	0d	0.000	ng/ul	
24) 2-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
28) 2,4-Dichlorophenol-d3	0.000	165	0d	0.000	ng/ul	
31) 4-Chloroaniline-d4	11.026	131	282708	157.965	ng/ul	0.01
46) Dimethylphthalate-d6	0.000	166	0d	0.000	ng/ul	
49) Acenaphthylene-d8	0.000	160	0d	0.000	ng/ul	
54) 4-Nitrophenol-d4	14.909	143	114133	169.985	ng/ul	0.03
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.826	200	160127	247.095	ng/ul	0.02
73) Anthracene-d10	0.000	188	0d	0.000	ng/ul	
81) Pyrene-d10	0.000	212	0d	0.000	ng/ul	
92) Benzo(a)pyrene-d12	0.000	264	0d	0.000	ng/ul	
Target Compounds						Qvalue
5) Pyridine	3.934	79	199985	158.555	ng/ul	93
6) Benzaldehyde	7.212	77	67260m	82.061	ng/ul	
8) Phenol	7.265	94	246373	147.904	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.500	93	179600	140.789	ng/ul	88
13) 2-Methylphenol	8.523	108	193550	151.258	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.611	45	265503	123.839	ng/ul	98
16) Acetophenone	8.910	105	298220	148.127	ng/ul	96
18) 4-Methylphenol	8.863	108	202121	149.435	ng/ul	100
32) 4-Chloroaniline	11.049	127	277933	157.616	ng/ul	99
34) Caprolactam	11.848	113	69584m	192.162	ng/ul	
40) Hexachlorocyclopentadiene	12.894	237	258661	171.165	ng/ul#	94
51) 3-Nitroaniline	14.610	138	109017	166.866	ng/ul#	92
53) 2,4-Dinitrophenol	14.815	184	97333	270.409	ng/ul#	64
55) 4-Nitrophenol	14.927	109	111445	175.879	ng/ul	92
63) 4-Nitroaniline	15.779	138	98925	156.857	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.838	198	152009	252.196	ng/ul	95
70) Atrazine	16.913	200	290362	148.725	ng/ul	97
71) Pentachlorophenol	17.101	266	191327	165.886	ng/ul	90
77) Carbazole	17.853	167	968378	130.195	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.625	252	491152	126.637	ng/ul#	95
89) Di-n-octyl phthalate	22.841	149	1237026	123.641	ng/ul	100

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