Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092524\
Data File : BG063030.D
Acq On : 25 Sep 2024 12:37
Operator : RC/JU
Sample : SSTD16069
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 25 13:14:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 25 12:42:25 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD160408

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/26/2024
Supervised By :mohammad ahmed 09/27/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.853	152	96256	20.000	ng/ul	0.00
20) Naphthalene-d8	10.643	136	389927	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.492	164	330289	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.242	188	839468	20.000	ng/ul	0.00
79) Chrysene-d12	21.501	240	920099	20.000	ng/ul	0.01
88) Perylene-d12	24.539	264	1035598	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	3.722	84	638457	99.134	ng/ul	0.00
7) Phenol-d5	7.036	99	958408	120.171	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.194	67	360163	79.675	ng/ul	0.01
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.581	113	859138	127.391	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	10.784	131	1323053	145.538	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	14.727	143	610867	141.993	ng/ul	0.03
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.632	200	992540	196.506	ng/ul	0.03
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	3.746	79	619949	94.029	ng/ul	91
6) Benzaldehyde	6.995	77	306697	73.985	ng/ul	98
8) Phenol	7.065	94	955577	115.408	ng/ul#	87
10) Bis(2-Chloroethyl)ether	7.283	93	581055	96.107	ng/ul	97
13) 2-Methylphenol	8.305	108	829819	131.411	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.375	45	428734	42.280	ng/ul#	94
16) Acetophenone	8.681	105	1299924	120.839	ng/ul	97
18) 4-Methylphenol	8.652	108	916318	128.901	ng/ul	95
32) 4-Chloroaniline	10.814	127	1223825	138.268	ng/ul	92
34) Caprolactam	11.625	113	303183m	128.334	ng/ul	
40) Hexachlorocyclopentadiene	12.659	237	1358775	229.380	ng/ul	93
51) 3-Nitroaniline	14.410	138	653425	142.692	ng/ul	94
53) 2,4-Dinitrophenol	14.621	184	687033	212.453	ng/ul	94
55) 4-Nitrophenol	14.744	109	758632	184.974	ng/ul	95
63) 4-Nitroaniline	15.596	138	666323m	134.074	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.649	198	1032356	197.891	ng/ul	97
70) Atrazine	16.719	200	1389439	142.591	ng/ul	100
71) Pentachlorophenol	16.895	266	1262940	189.761	ng/ul	91
77) Carbazole	17.653	167	4795190	131.241	ng/ul#	90
84) 3,3'-Dichlorobenzidine	21.401	252	2790418	142.922	ng/ul	92
89) Di-n-octyl phthalate	22.547	149	5474988	117.832	ng/ul	100

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