Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052824\
Data File : BG061309.D
Acq On : 28 May 2024 21:26
Operator : MA/JU
Sample : P2568-21
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: May 28 23:13:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 15:23:39 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BH642

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.880	152	23205	20.000	ng/ul		0.00
20) Naphthalene-d8	10.676	136	98862	20.000	ng/ul	#	0.00
38) Acenaphthene-d10	14.519	164	77402	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.263	188	170218	20.000	ng/ul		0.00
79) Chrysene-d12	21.517	240	174020	20.000	ng/ul		0.00
88) Perylene-d12	24.601	264	197869	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.344	96	2329	5.617	ng/uL		0.00
4) Pyridine-d5	3.749	84	29689	20.126	ng/ul		0.00
7) Phenol-d5	7.063	99	51709	27.135	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.210	67	32243	26.919	ng/ul		0.00
11) 2-Chlorophenol-d4	7.421	132	41117	29.155	ng/ul		0.00
15) 4-Methylphenol-d8	8.597	113	42105	25.912	ng/ul		0.00
21) Nitrobenzene-d5	9.037	128	21988	28.887	ng/ul		0.00
24) 2-Nitrophenol-d4	9.760	143	26674	29.943	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.306	165	50656	29.168	ng/ul		0.00
31) 4-Chloroaniline-d4	10.812	131	46460	20.448	ng/ul		0.00
46) Dimethylphthalate-d6	13.920	166	170724	28.439	ng/ul		0.00
49) Acenaphthylene-d8	14.208	160	187402	30.027	ng/ul		0.00
54) 4-Nitrophenol-d4	14.742	143	18121	24.416	ng/ul		0.00
60) Fluorene-d10	15.512	176	151962	29.320	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.641	200	23550	22.875	ng/ul		0.00
73) Anthracene-d10	17.363	188	233960	31.176	ng/ul		0.00
81) Pyrene-d10	19.654	212	288868	32.329	ng/ul		0.00
92) Benzo(a)pyrene-d12	24.390	264	303637	31.919	ng/ul		0.00
Target Compounds							Qvalue
72) Phenanthrene	17.304	178	82770	10.019	ng/ul		97
74) Anthracene	17.398	178	12672	1.483	ng/ul		96
77) Carbazole	17.668	167	9521	1.370	ng/ul		98
78) Di-n-butylphthalate	18.226	149	12654	1.454	ng/ul#		96
80) Fluoranthene	19.319	202	266481	24.861	ng/ul		100
82) Pyrene	19.683	202	238233	21.412	ng/ul#		98
83) Butylbenzylphthalate	20.577	149	7109	1.860	ng/ul		91
85) Benzo(a)anthracene	21.493	228	153992	12.825	ng/ul		100
86) Bis(2-ethylhexyl)phtha...	21.411	149	32565	5.756	ng/ul		94
87) Chrysene	21.558	228	162668	14.713	ng/ul		95
90) Benzo(b)fluoranthene	23.632	252	201593	17.112	ng/ul		99
91) Benzo(k)fluoranthene	23.685	252	86922m	7.268	ng/ul		
93) Benzo(a)pyrene	24.460	252	143669	12.843	ng/ul		97
94) Indeno(1,2,3-cd)pyrene	28.091	276	107162	7.921	ng/ul		99
95) Dibenzo(a,h)anthracene	28.127	278	29002m	2.600	ng/ul		
96) Benzo(g,h,i)perylene	29.190	276	107768m	10.013	ng/ul		

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

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