Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061466.D
Acq On : 4 Jun 2024 22:25
Operator : MA/JU
Sample : P2590-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 04 23:10:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 30 22:54:48 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BHBL8

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.877	152	30283	20.000	ng/ul	0.00
20) Naphthalene-d8	10.668	136	124501	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.510	164	90634	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.260	188	204928	20.000	ng/ul	0.00
79) Chrysene-d12	21.520	240	216041	20.000	ng/ul	0.00
88) Perylene-d12	24.616	264	249339	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	1825	3.373	ng/uL	0.00
4) Pyridine-d5	3.740	84	17064	8.864	ng/ul	0.00
7) Phenol-d5	7.066	99	59870	24.075	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.207	67	39319	25.155	ng/ul	0.00
11) 2-Chlorophenol-d4	7.412	132	51338	27.894	ng/ul	0.00
15) 4-Methylphenol-d8	8.599	113	40382	19.043	ng/ul	0.00
21) Nitrobenzene-d5	9.034	128	26450	27.593	ng/ul	0.00
24) 2-Nitrophenol-d4	9.757	143	29855	26.612	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.303	165	58714	26.846	ng/ul	0.00
31) 4-Chloroaniline-d4	10.809	131	30450	10.642	ng/ul	0.00
46) Dimethylphthalate-d6	13.917	166	175947	25.030	ng/ul	0.00
49) Acenaphthylene-d8	14.205	160	193164	26.432	ng/ul	0.00
54) 4-Nitrophenol-d4	14.763	143	14925m	17.174	ng/ul	0.03
60) Fluorene-d10	15.509	176	153400	25.277	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.650	200	21142	17.058	ng/ul	0.01
73) Anthracene-d10	17.360	188	227294	25.158	ng/ul	0.00
81) Pyrene-d10	19.657	212	295486	26.638	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.398	264	321808	26.846	ng/ul	0.01
Target Compounds						Qvalue
72) Phenanthrene	17.307	178	92568	9.307	ng/ul	99
74) Anthracene	17.395	178	10783	1.049	ng/ul	97
80) Fluoranthene	19.322	202	268699	20.192	ng/ul	99
82) Pyrene	19.686	202	252304	18.266	ng/ul	98
85) Benzo(a)anthracene	21.502	228	147903	9.922	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.408	149	15127	2.154	ng/ul	96
87) Chrysene	21.561	228	162145	11.813	ng/ul	97
90) Benzo(b)fluoranthene	23.641	252	218732	14.734	ng/ul	98
91) Benzo(k)fluoranthene	23.688	252	73597m	4.883	ng/ul	
93) Benzo(a)pyrene	24.469	252	153323	10.876	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	28.118	276	111416m	6.536	ng/ul	
95) Dibenzo(a,h)anthracene	28.153	278	27896	1.985	ng/ul#	89
96) Benzo(g,h,i)perylene	29.210	276	98745m	7.281	ng/ul	

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

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