Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061484.D
Acq On : 5 Jun 2024 11:21
Operator : MA/JU
Sample : P2590-22DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBM6DL

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

Quant Time: Jun 05 23:37:20 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.876	152	32905	20.000	ng/ul	0.00
20) Naphthalene-d8	10.667	136	128851	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.510	164	95683	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.265	188	220641	20.000	ng/ul	0.00
79) Chrysene-d12	21.519	240	250102	20.000	ng/ul	0.00
88) Perylene-d12	24.616	264	286248	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	410	0.697	ng/uL	0.00
4) Pyridine-d5	3.746	84	2327m	1.112	ng/ul	0.00
7) Phenol-d5	7.066	99	11105	4.110	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.201	67	7155	4.213	ng/ul	0.00
11) 2-Chlorophenol-d4	7.412	132	9275	4.638	ng/ul	0.00
15) 4-Methylphenol-d8	8.599	113	9195	3.991	ng/ul	0.00
21) Nitrobenzene-d5	9.028	128	4581	4.618	ng/ul	0.00
24) 2-Nitrophenol-d4	9.757	143	5472	4.713	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.315	165	11643	5.144	ng/ul	0.01
31) 4-Chloroaniline-d4	10.814	131	5728	1.934	ng/ul	0.01
46) Dimethylphthalate-d6	13.916	166	36836	4.964	ng/ul	0.00
49) Acenaphthylene-d8	14.204	160	40848	5.295	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.509	176	31456	4.910	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.359	188	53047	5.453	ng/ul	0.00
81) Pyrene-d10	19.657	212	66428	5.173	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.398	264	74355	5.403	ng/ul	0.01
Target Compounds						Qvalue
72) Phenanthrene	17.307	178	109277	10.204	ng/ul	99
74) Anthracene	17.395	178	13752	1.242	ng/ul	94
80) Fluoranthene	19.322	202	347932	22.585	ng/ul	100
82) Pyrene	19.686	202	328321	20.532	ng/ul	100
85) Benzo(a)anthracene	21.502	228	218536	12.664	ng/ul	96
87) Chrysene	21.566	228	227670m	14.328	ng/ul	
90) Benzo(b)fluoranthene	23.634	252	301233	17.675	ng/ul	99
91) Benzo(k)fluoranthene	23.693	252	116915m	6.757	ng/ul	
93) Benzo(a)pyrene	24.469	252	218271	13.487	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.123	276	158024m	8.074	ng/ul	
95) Dibenzo(a,h)anthracene	28.164	278	40322m	2.499	ng/ul	
96) Benzo(g,h,i)perylene	29.222	276	116633m	7.491	ng/ul	

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

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