Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061412.D
Acq On : 1 Jun 2024 4:28
Operator : MA/JU
Sample : P2588-19
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jun 01 05:20:22 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 :
BH6E4

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/03/2024
Supervised By :mohammad ahmed 06/04/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.876	152	28072	20.000	ng/ul	0.00
20) Naphthalene-d8	10.667	136	109150	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.510	164	80896	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.259	188	190346	20.000	ng/ul	0.00
79) Chrysene-d12	21.513	240	191743	20.000	ng/ul	0.00
88) Perylene-d12	24.598	264	218746	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	1404	2.799	ng/uL	0.01
4) Pyridine-d5	3.746	84	25352	14.206	ng/ul	0.00
7) Phenol-d5	7.060	99	36873	15.995	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.201	67	24185	16.691	ng/ul	0.00
11) 2-Chlorophenol-d4	7.412	132	30029	17.601	ng/ul	0.00
15) 4-Methylphenol-d8	8.593	113	29673	15.095	ng/ul	0.00
21) Nitrobenzene-d5	9.028	128	15589	18.550	ng/ul	0.00
24) 2-Nitrophenol-d4	9.751	143	18043	18.345	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.303	165	36815	19.200	ng/ul	0.00
31) 4-Chloroaniline-d4	10.802	131	39112	15.592	ng/ul	0.00
46) Dimethylphthalate-d6	13.916	166	121674	19.393	ng/ul	0.00
49) Acenaphthylene-d8	14.198	160	133228	20.425	ng/ul	0.00
54) 4-Nitrophenol-d4	14.751	143	12959m	16.707	ng/ul	0.01
60) Fluorene-d10	15.503	176	112159	20.706	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.644	200	14920	12.960	ng/ul	0.00
73) Anthracene-d10	17.359	188	189715	22.607	ng/ul	0.00
81) Pyrene-d10	19.651	212	231352	23.499	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.386	264	247118	23.498	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.300	178	92617	10.025	ng/ul	98
74) Anthracene	17.395	178	14710	1.540	ng/ul	99
77) Carbazole	17.665	167	8147	1.049	ng/ul	98
80) Fluoranthene	19.322	202	231686	19.617	ng/ul	99
82) Pyrene	19.680	202	213396	17.407	ng/ul	100
85) Benzo(a)anthracene	21.490	228	118176	8.932	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.407	149	7775	1.247	ng/ul#	99
87) Chrysene	21.554	228	124231	10.198	ng/ul	96
90) Benzo(b)fluoranthene	23.622	252	168794	12.960	ng/ul	98
91) Benzo(k)fluoranthene	23.681	252	60331m	4.563	ng/ul	
93) Benzo(a)pyrene	24.451	252	120205	9.720	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	28.094	276	89097m	5.957	ng/ul	
95) Dibenzo(a,h)anthracene	28.141	278	22287m	1.807	ng/ul	
96) Benzo(g,h,i)perylene	29.187	276	85724m	7.205	ng/ul	

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

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