Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061494.D
Acq On : 5 Jun 2024 20:00
Operator : MA/JU
Sample : P2623-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 05 23:07:24 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 :
BHBS0

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/06/2024
Supervised By :mohammad ahmed 06/07/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	26763	20.000	ng/ul	0.00
20) Naphthalene-d8	10.666	136	107378	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.509	164	80250	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.264	188	185302	20.000	ng/ul	0.00
79) Chrysene-d12	21.518	240	211442	20.000	ng/ul	0.00
88) Perylene-d12	24.615	264	235237	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	1961	4.101	ng/uL	0.00
4) Pyridine-d5	3.739	84	27675	16.267	ng/ul	0.00
7) Phenol-d5	7.065	99	51859	23.596	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.206	67	30371	21.986	ng/ul	0.00
11) 2-Chlorophenol-d4	7.417	132	42125	25.898	ng/ul	0.00
15) 4-Methylphenol-d8	8.598	113	38412	20.497	ng/ul	0.00
21) Nitrobenzene-d5	9.033	128	19966	24.150	ng/ul	0.00
24) 2-Nitrophenol-d4	9.756	143	22443	23.195	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.308	165	44910	23.809	ng/ul	0.00
31) 4-Chloroaniline-d4	10.807	131	49272	19.966	ng/ul	0.00
46) Dimethylphthalate-d6	13.915	166	146778	23.582	ng/ul	0.00
49) Acenaphthylene-d8	14.203	160	161254	24.921	ng/ul	0.00
54) 4-Nitrophenol-d4	14.762	143	13704	17.809	ng/ul	0.02
60) Fluorene-d10	15.508	176	127584	23.743	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.655	200	16120	14.383	ng/ul	0.02
73) Anthracene-d10	17.364	188	206202	25.241	ng/ul	0.00
81) Pyrene-d10	19.656	212	261262	24.065	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.403	264	291946	25.815	ng/ul	0.02
Target Compounds						Qvalue
72) Phenanthrene	17.306	178	75676	8.414	ng/ul	100
74) Anthracene	17.394	178	15521m	1.669	ng/ul	
80) Fluoranthene	19.321	202	157728	12.111	ng/ul	99
82) Pyrene	19.685	202	126172	9.333	ng/ul	99
85) Benzo(a)anthracene	21.501	228	87457	5.994	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.407	149	10869	1.581	ng/ul#	99
87) Chrysene	21.559	228	80559	5.997	ng/ul	94
90) Benzo(b)fluoranthene	23.633	252	102685	7.332	ng/ul	100
91) Benzo(k)fluoranthene	23.692	252	37137	2.612	ng/ul	95
93) Benzo(a)pyrene	24.468	252	66493	5.000	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	28.128	276	44238m	2.751	ng/ul	
95) Dibenzo(a,h)anthracene	28.152	278	14806m	1.116	ng/ul	
96) Benzo(g,h,i)perylene	29.215	276	37908m	2.963	ng/ul	

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

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