Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
Data File : BG062018.D
Acq On : 11 Jul 2024 20:28
Operator : MA/JU
Sample : P3139-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 12 00:55:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 11 12:11:32 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
A4D00

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/15/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.043	152	51371	20.000	ng/ul	# 0.00
20) Naphthalene-d8	10.851	136	215601	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.670	164	151801	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.414	188	349514	20.000	ng/ul	0.00
79) Chrysene-d12	21.674	240	306228	20.000	ng/ul	0.00
88) Perylene-d12	24.882	264	378402	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.436	96	5477	4.007	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.203	99	158486	28.191	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.361	67	93640	26.302	ng/ul	0.00
11) 2-Chlorophenol-d4	7.567	132	113974	29.555	ng/ul	0.00
15) 4-Methylphenol-d8	8.748	113	123201	27.833	ng/ul	0.00
21) Nitrobenzene-d5	9.206	128	58600	35.738	ng/ul	0.00
24) 2-Nitrophenol-d4	9.929	143	66892	35.723	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.469	165	128852	35.676	ng/ul	0.00
31) 4-Chloroaniline-d4	10.992	131	20174	3.847	ng/ul	0.00
46) Dimethylphthalate-d6	14.071	166	416234	33.352	ng/ul	0.00
49) Acenaphthylene-d8	14.365	160	451722	34.615	ng/ul	0.00
54) 4-Nitrophenol-d4	14.870	143	60870	30.542	ng/ul	0.00
60) Fluorene-d10	15.663	176	362602	34.513	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.775	200	55056	29.994	ng/ul	0.00
73) Anthracene-d10	17.514	188	557247	34.149	ng/ul	0.00
81) Pyrene-d10	19.794	212	427650	23.742	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.659	264	287827	15.337	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.455	178	52157	2.830	ng/ul#	92
80) Fluoranthene	19.465	202	115474	5.417	ng/ul#	94
82) Pyrene	19.829	202	71090	3.229	ng/ul	95
85) Benzo(a)anthracene	21.650	228	49022m	2.211	ng/ul	
87) Chrysene	21.715	228	66291	3.194	ng/ul	98
90) Benzo(b)fluoranthene	23.860	252	84003	3.524	ng/ul#	91
91) Benzo(k)fluoranthene	23.930	252	36009m	1.515	ng/ul	
93) Benzo(a)pyrene	24.723	252	25718m	1.139	ng/ul	
94) Indeno(1,2,3-cd)pyrene	28.519	276	32774m	1.136	ng/ul	

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

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