Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061380.D
Acq On : 31 May 2024 5:27
Operator : MA/JU
Sample : P2570-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: May 31 06:07:03 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 :
BH6B5

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/31/2024
Supervised By :mohammad ahmed 06/01/2024

05/31/2024
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06/01/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.871	152	33181	20.000	ng/ul	0.00
20) Naphthalene-d8	10.668	136	127624	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.510	164	92307	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.260	188	201124	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.508	240	210262	20.000	ng/ul	0.00
88) Perylene-d12	24.598	264	244979	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.341	96	1425	2.403	ng/uL	0.00
4) Pyridine-d5	3.752	84	25611	12.142	ng/ul	0.01
7) Phenol-d5	7.060	99	45740	16.786	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.201	67	27203	15.883	ng/ul	0.00
11) 2-Chlorophenol-d4	7.413	132	37483	18.587	ng/ul	0.00
15) 4-Methylphenol-d8	8.588	113	33638	14.478	ng/ul	0.00
21) Nitrobenzene-d5	9.028	128	20326	20.686	ng/ul	0.00
24) 2-Nitrophenol-d4	9.751	143	24616	21.405	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.297	165	50415	22.487	ng/ul	0.00
31) 4-Chloroaniline-d4	10.803	131	42594	14.522	ng/ul	0.00
46) Dimethylphthalate-d6	13.917	166	162217	22.659	ng/ul	0.00
49) Acenaphthylene-d8	14.199	160	178251	23.949	ng/ul	0.00
54) 4-Nitrophenol-d4	14.745	143	15954	18.025	ng/ul	0.00
60) Fluorene-d10	15.503	176	145317	23.511	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.638	200	20587	16.924	ng/ul	0.00
73) Anthracene-d10	17.354	188	229368	25.868	ng/ul	0.00
81) Pyrene-d10	19.651	212	283509	26.261	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.387	264	303222	25.746	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.301	178	118167	12.105	ng/ul	98
74) Anthracene	17.389	178	13345	1.322	ng/ul	97
77) Carbazole	17.665	167	13159	1.603	ng/ul	95
80) Fluoranthene	19.316	202	230631	17.808	ng/ul	99
82) Pyrene	19.681	202	202253	15.045	ng/ul	99
85) Benzo(a)anthracene	21.490	228	112303	7.741	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.402	149	8907	1.303	ng/ul#	94
87) Chrysene	21.555	228	125639	9.405	ng/ul	97
90) Benzo(b)fluoranthene	23.617	252	165162	11.323	ng/ul	97
91) Benzo(k)fluoranthene	23.676	252	63726m	4.304	ng/ul	
93) Benzo(a)pyrene	24.451	252	116596	8.418	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.077	276	84252m	5.030	ng/ul	
95) Dibenzo(a,h)anthracene	28.124	278	21987m	1.592	ng/ul	
96) Benzo(g,h,i)perylene	29.181	276	77157m	5.791	ng/ul	

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

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