Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061370.D
Acq On : 30 May 2024 21:58
Operator : MA/JU
Sample : P2570-21
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 30 23:21:52 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 :
BH653

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.872	152	25513	20.000	ng/ul	0.00
20) Naphthalene-d8	10.663	136	103645	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.506	164	78025	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.256	188	178810	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.509	240	185778	20.000	ng/ul	0.00
88) Perylene-d12	24.594	264	209739	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.337	96	3098	6.795	ng/uL	0.00
4) Pyridine-d5	3.742	84	38855	23.957	ng/ul	0.00
7) Phenol-d5	7.056	99	61387	29.300	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.203	67	38397	29.157	ng/ul	0.00
11) 2-Chlorophenol-d4	7.414	132	50391	32.498	ng/ul	0.00
15) 4-Methylphenol-d8	8.589	113	48538	27.169	ng/ul	0.00
21) Nitrobenzene-d5	9.030	128	25203	31.583	ng/ul	0.00
24) 2-Nitrophenol-d4	9.753	143	29800	31.908	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.299	165	61043	33.527	ng/ul	0.00
31) 4-Chloroaniline-d4	10.804	131	57850	24.286	ng/ul	0.00
46) Dimethylphthalate-d6	13.912	166	199770	33.012	ng/ul	0.00
49) Acenaphthylene-d8	14.200	160	219291	34.856	ng/ul	0.00
54) 4-Nitrophenol-d4	14.741	143	22417	29.963	ng/ul	0.00
60) Fluorene-d10	15.505	176	184095	35.236	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.640	200	34825	32.201	ng/ul	0.00
73) Anthracene-d10	17.355	188	297306	37.714	ng/ul	0.00
81) Pyrene-d10	19.653	212	349995	36.691	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.383	264	383604	38.043	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.303	178	64355	7.415	ng/ul	97
80) Fluoranthene	19.318	202	208314	18.204	ng/ul	100
82) Pyrene	19.682	202	190845	16.067	ng/ul	99
85) Benzo(a)anthracene	21.492	228	108141	8.436	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.404	149	54340	8.997	ng/ul	94
87) Chrysene	21.556	228	119713	10.142	ng/ul	94
90) Benzo(b)fluoranthene	23.619	252	166049	13.297	ng/ul	98
91) Benzo(k)fluoranthene	23.672	252	60204m	4.749	ng/ul	
93) Benzo(a)pyrene	24.447	252	115164	9.712	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.078	276	82104	5.726	ng/ul#	96
95) Dibenzo(a,h)anthracene	28.131	278	21515m	1.820	ng/ul	
96) Benzo(g,h,i)perylene	29.171	276	81409	7.136	ng/ul	98

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

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