Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061377.D
Acq On : 31 May 2024 3:25
Operator : MA/JU
Sample : P2570-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 31 04:27:54 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 :
BH6A9

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	29829	20.000	ng/ul	0.00
20) Naphthalene-d8	10.663	136	117817	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.506	164	87399	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.255	188	195052	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.509	240	203410	20.000	ng/ul	0.00
88) Perylene-d12	24.594	264	227350	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.336	96	3125	5.863	ng/uL	0.00
4) Pyridine-d5	3.742	84	40201	21.200	ng/ul	0.00
7) Phenol-d5	7.056	99	72190	29.470	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.202	67	42305	27.477	ng/ul	0.00
11) 2-Chlorophenol-d4	7.414	132	55787	30.773	ng/ul	0.00
15) 4-Methylphenol-d8	8.589	113	57143	27.358	ng/ul	0.00
21) Nitrobenzene-d5	9.030	128	29042	32.016	ng/ul	0.00
24) 2-Nitrophenol-d4	9.752	143	34743	32.726	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.299	165	68421	33.059	ng/ul	0.00
31) 4-Chloroaniline-d4	10.804	131	63850	23.581	ng/ul	0.00
46) Dimethylphthalate-d6	13.912	166	219296	32.352	ng/ul	0.00
49) Acenaphthylene-d8	14.200	160	242806	34.454	ng/ul	0.00
54) 4-Nitrophenol-d4	14.741	143	21460	25.607	ng/ul	0.00
60) Fluorene-d10	15.504	176	195072	33.333	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.640	200	29742	25.211	ng/ul	0.00
73) Anthracene-d10	17.355	188	316869	36.848	ng/ul	0.00
81) Pyrene-d10	19.647	212	377649	36.159	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.382	264	407439	37.277	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.296	178	50561	5.341	ng/ul	99
80) Fluoranthene	19.312	202	133302	10.639	ng/ul	99
82) Pyrene	19.676	202	129051	9.923	ng/ul	99
83) Butylbenzylphthalate	20.569	149	6172	1.381	ng/ul	95
85) Benzo(a)anthracene	21.492	228	88519	6.307	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.403	149	94045	14.221	ng/ul	98
87) Chrysene	21.550	228	88873m	6.877	ng/ul	
90) Benzo(b)fluoranthene	23.613	252	131349	9.703	ng/ul	99
91) Benzo(k)fluoranthene	23.671	252	44476m	3.237	ng/ul	
93) Benzo(a)pyrene	24.447	252	90623	7.050	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	28.084	276	69346	4.461	ng/ul#	93
95) Dibenzo(a,h)anthracene	28.113	278	20711m	1.616	ng/ul	
96) Benzo(g,h,i)perylene	29.171	276	67561m	5.464	ng/ul	

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

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