Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061379.D
Acq On : 31 May 2024 4:47
Operator : MA/JU
Sample : P2570-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: May 31 05:28:07 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 :
BH6B4

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	7.876	152	37656	20.000	ng/ul	0.00
20) Naphthalene-d8	10.666	136	141497	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.509	164	102779	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.259	188	232141	20.000	ng/ul	0.00
79) Chrysene-d12	21.513	240	243892	20.000	ng/ul	0.00
88) Perylene-d12	24.591	264	276913	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	2098	3.118	ng/uL	0.01
4) Pyridine-d5	3.745	84	36972	15.445	ng/ul	0.00
7) Phenol-d5	7.059	99	59134	19.123	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.200	67	37378	19.231	ng/ul	0.00
11) 2-Chlorophenol-d4	7.411	132	49552	21.652	ng/ul	0.00
15) 4-Methylphenol-d8	8.592	113	45614	17.299	ng/ul	0.00
21) Nitrobenzene-d5	9.027	128	25719	23.608	ng/ul	0.00
24) 2-Nitrophenol-d4	9.750	143	29227	22.923	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.302	165	61420	24.710	ng/ul	0.00
31) 4-Chloroaniline-d4	10.802	131	54311	16.701	ng/ul	0.00
46) Dimethylphthalate-d6	13.916	166	198172	24.861	ng/ul	0.00
49) Acenaphthylene-d8	14.203	160	215129	25.959	ng/ul	0.00
54) 4-Nitrophenol-d4	14.744	143	19555	19.842	ng/ul	0.00
60) Fluorene-d10	15.502	176	176357	25.625	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.637	200	27589	19.650	ng/ul	0.00
73) Anthracene-d10	17.359	188	281368	27.492	ng/ul	0.00
81) Pyrene-d10	19.650	212	337035	26.914	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.386	264	365342	27.443	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.713	128	8966	1.201	ng/ul	100
52) Acenaphthene	14.574	153	9988	1.657	ng/ul	95
56) Dibenzofuran	14.909	168	10011	1.161	ng/ul	92
61) Fluorene	15.555	166	8158	1.094	ng/ul	84
72) Phenanthrene	17.300	178	227988	20.235	ng/ul	98
74) Anthracene	17.388	178	27104	2.327	ng/ul	97
77) Carbazole	17.664	167	22675	2.393	ng/ul	99
80) Fluoranthene	19.315	202	420475	27.989	ng/ul	99
82) Pyrene	19.679	202	372482	23.887	ng/ul	99
85) Benzo(a)anthracene	21.495	228	213365	12.679	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.407	149	25102	3.166	ng/ul#	99
87) Chrysene	21.554	228	242077	15.622	ng/ul	95
90) Benzo(b)fluoranthene	23.622	252	332560	20.171	ng/ul	100
91) Benzo(k)fluoranthene	23.681	252	119598m	7.146	ng/ul	
93) Benzo(a)pyrene	24.450	252	232733	14.866	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.093	276	165091	8.720	ng/ul	98
95) Dibenzo(a,h)anthracene	28.117	278	42219m	2.704	ng/ul	
96) Benzo(g,h,i)perylene	29.180	276	157485m	10.456	ng/ul	

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

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