Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061387.D
Acq On : 31 May 2024 10:11
Operator : MA/JU
Sample : P2570-22
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH654

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

Quant Time: May 31 10:50:08 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.877	152	32813	20.000	ng/ul	0.00
20) Naphthalene-d8	10.668	136	123883	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.510	164	89206	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.260	188	196774	20.000	ng/ul	0.00
79) Chrysene-d12	21.514	240	207443	20.000	ng/ul	0.00
88) Perylene-d12	24.598	264	238580	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.341	96	2881	4.914	ng/uL	0.00
4) Pyridine-d5	3.746	84	33185	15.909	ng/ul	0.00
7) Phenol-d5	7.060	99	66703	24.754	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.201	67	41894	24.735	ng/ul	0.00
11) 2-Chlorophenol-d4	7.413	132	54888	27.523	ng/ul	0.00
15) 4-Methylphenol-d8	8.594	113	54652	23.786	ng/ul	0.00
21) Nitrobenzene-d5	9.028	128	26833	28.132	ng/ul	0.00
24) 2-Nitrophenol-d4	9.751	143	31988	28.656	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.303	165	61268	28.153	ng/ul	0.00
31) 4-Chloroaniline-d4	10.803	131	62822	22.065	ng/ul	0.00
46) Dimethylphthalate-d6	13.917	166	192142	27.772	ng/ul	0.00
49) Acenaphthylene-d8	14.205	160	215600	29.974	ng/ul	0.00
54) 4-Nitrophenol-d4	14.745	143	19864	23.223	ng/ul	0.00
60) Fluorene-d10	15.503	176	170953	28.620	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.638	200	20345	17.095	ng/ul	0.00
73) Anthracene-d10	17.360	188	269189	31.030	ng/ul	0.00
81) Pyrene-d10	19.651	212	322611	30.289	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.387	264	353033	30.779	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.301	178	27459	2.875	ng/ul	99
80) Fluoranthene	19.316	202	91054	7.126	ng/ul	99
82) Pyrene	19.681	202	84819	6.395	ng/ul	99
83) Butylbenzylphthalate	20.568	149	5668	1.244	ng/ul	99
85) Benzo(a)anthracene	21.490	228	47382	3.310	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.408	149	16673	2.472	ng/ul#	95
87) Chrysene	21.555	228	52903	4.014	ng/ul	97
90) Benzo(b)fluoranthene	23.623	252	74262	5.228	ng/ul	99
91) Benzo(k)fluoranthene	23.682	252	23955m	1.661	ng/ul	
93) Benzo(a)pyrene	24.452	252	48990	3.632	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	28.089	276	37214m	2.281	ng/ul	
96) Benzo(g,h,i)perylene	29.181	276	34762m	2.679	ng/ul	

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

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