Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061346.D
Acq On : 30 May 2024 3:38
Operator : MA/JU
Sample : P2548-21
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 30 04:27:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 15:23:39 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BH616

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.879	152	25051	20.000	ng/ul	0.00
20) Naphthalene-d8	10.676	136	105686	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.513	164	81715	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.262	188	187475	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.516	240	192327	20.000	ng/ul	0.00
88) Perylene-d12	24.595	264	216904	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.343	96	1066	2.381	ng/uL	0.00
4) Pyridine-d5	3.749	84	19740	12.396	ng/ul	0.00
7) Phenol-d5	7.063	99	34551	16.795	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.209	67	20883	16.150	ng/ul	0.00
11) 2-Chlorophenol-d4	7.415	132	25114	16.495	ng/ul	0.00
15) 4-Methylphenol-d8	8.596	113	34036	19.403	ng/ul	0.00
21) Nitrobenzene-d5	9.037	128	16472	20.243	ng/ul	0.00
24) 2-Nitrophenol-d4	9.759	143	20400	21.421	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.306	165	41454	22.328	ng/ul	0.00
31) 4-Chloroaniline-d4	10.811	131	47169	19.420	ng/ul	0.00
46) Dimethylphthalate-d6	13.919	166	150859	23.804	ng/ul	0.00
49) Acenaphthylene-d8	14.207	160	174516	26.487	ng/ul	0.00
54) 4-Nitrophenol-d4	14.748	143	21617m	27.589	ng/ul	0.00
60) Fluorene-d10	15.511	176	139019	25.407	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.641	200	23742	20.939	ng/ul	0.00
73) Anthracene-d10	17.362	188	255524	30.916	ng/ul	0.00
81) Pyrene-d10	19.654	212	372776	37.749	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.389	264	440269	42.221	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.303	178	59720	6.563	ng/ul	98
74) Anthracene	17.397	178	11200	1.190	ng/ul	100
80) Fluoranthene	19.319	202	188863	15.943	ng/ul	99
82) Pyrene	19.683	202	181843	14.788	ng/ul	99
85) Benzo(a)anthracene	21.493	228	122020	9.195	ng/ul	98
87) Chrysene	21.557	228	120112	9.830	ng/ul	98
90) Benzo(b)fluoranthene	23.625	252	155780	12.063	ng/ul	97
91) Benzo(k)fluoranthene	23.684	252	64808m	4.943	ng/ul	
93) Benzo(a)pyrene	24.454	252	120895	9.858	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.085	276	75932	5.120	ng/ul	98
95) Dibenzo(a,h)anthracene	28.132	278	23070m	1.887	ng/ul	
96) Benzo(g,h,i)perylene	29.178	276	73003m	6.188	ng/ul	

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

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