Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052424\
Data File : BG061282.D
Acq On : 24 May 2024 11:04
Operator : MA/JU
Sample : P2548-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5Y3

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 05/25/2024
Supervised By :mohammad ahmed 05/27/2024

Quant Time: May 24 23:58:49 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.888	152	21289	20.000	ng/ul	0.00
20) Naphthalene-d8	10.679	136	94064	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.521	164	83263	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.265	188	209802	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.519	240	210806	20.000	ng/ul	0.00
88) Perylene-d12	24.609	264	238903	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	628	1.651	ng/uL	0.00
4) Pyridine-d5	3.751	84	6479	4.787	ng/ul	0.00
7) Phenol-d5	7.065	99	14877	8.510	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.212	67	9928	9.035	ng/ul	0.00
11) 2-Chlorophenol-d4	7.418	132	12367	9.558	ng/ul	0.00
15) 4-Methylphenol-d8	8.599	113	9465	6.349	ng/ul	0.00
21) Nitrobenzene-d5	9.039	128	6661	9.197	ng/ul	0.00
24) 2-Nitrophenol-d4	9.762	143	7996	9.434	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.308	165	14853	8.989	ng/ul	0.00
31) 4-Chloroaniline-d4	10.820	131	9521	4.404	ng/ul	0.00
46) Dimethylphthalate-d6	13.922	166	60282	9.335	ng/ul	0.00
49) Acenaphthylene-d8	14.210	160	64541	9.613	ng/ul	0.00
54) 4-Nitrophenol-d4	14.750	143	4741m	5.938	ng/ul	0.00
60) Fluorene-d10	15.514	176	55098	9.883	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.649	200	8310	6.549	ng/ul	0.00
73) Anthracene-d10	17.365	188	91999	9.946	ng/ul	0.00
81) Pyrene-d10	19.656	212	111430	10.295	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.392	264	115527	10.059	ng/ul	0.00
Target Compounds						Qvalue
52) Acenaphthene	14.580	153	5832	1.194	ng/ul	97
61) Fluorene	15.567	166	6351	1.051	ng/ul#	93
72) Phenanthrene	17.306	178	182385	17.911	ng/ul	98
74) Anthracene	17.400	178	31530	2.995	ng/ul	96
77) Carbazole	17.670	167	16545	1.932	ng/ul	98
80) Fluoranthene	19.321	202	336486	25.914	ng/ul	99
82) Pyrene	19.686	202	291466	21.625	ng/ul	99
83) Butylbenzylphthalate	20.579	149	8432	1.821	ng/ul	97
85) Benzo(a)anthracene	21.501	228	161272	11.087	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.413	149	42059	6.137	ng/ul#	98
87) Chrysene	21.560	228	161695	12.073	ng/ul	95
90) Benzo(b)fluoranthene	23.628	252	208030	14.625	ng/ul	98
91) Benzo(k)fluoranthene	23.687	252	77073m	5.337	ng/ul	
93) Benzo(a)pyrene	24.456	252	142372	10.541	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.093	276	99312	6.080	ng/ul#	94
95) Dibenzo(a,h)anthracene	28.140	278	27701	2.057	ng/ul#	95
96) Benzo(g,h,i)perylene	29.186	276	98278	7.563	ng/ul	95

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

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