Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
Data File : BG062015.D
Acq On : 11 Jul 2024 18:25
Operator : MA/JU
Sample : P3125-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 12 00:44:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 11 12:11:32 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
A4CZ2

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/15/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.041	152	54505	20.000	ng/ul	0.00
20) Naphthalene-d8	10.850	136	263734	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.669	164	191753	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.412	188	449234	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.672	240	397082	20.000	ng/ul	# 0.00
88) Perylene-d12	24.886	264	475441	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.441	96	6599	4.550	ng/uL	0.00
4) Pyridine-d5	3.864	84	9234	2.071	ng/ul	0.00
7) Phenol-d5	7.195	99	181047	30.352	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.365	67	107416	28.437	ng/ul	0.00
11) 2-Chlorophenol-d4	7.571	132	124846	30.513	ng/ul	0.00
15) 4-Methylphenol-d8	8.746	113	142938	30.436	ng/ul	0.00
21) Nitrobenzene-d5	9.204	128	63110	31.464	ng/ul	0.00
24) 2-Nitrophenol-d4	9.927	143	77974	34.041	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.468	165	147963	33.490	ng/ul	0.00
31) 4-Chloroaniline-d4	10.985	131	54146	8.441	ng/ul	0.00
46) Dimethylphthalate-d6	14.075	166	477577	30.294	ng/ul	0.00
49) Acenaphthylene-d8	14.363	160	516420	31.328	ng/ul	0.00
54) 4-Nitrophenol-d4	14.868	143	75932	30.161	ng/ul	0.00
60) Fluorene-d10	15.662	176	419709	31.625	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.773	200	73748	31.258	ng/ul	0.00
73) Anthracene-d10	17.512	188	644450	30.726	ng/ul	0.00
81) Pyrene-d10	19.798	212	512884	21.959	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.663	264	348227	14.768	ng/ul	0.00
Target Compounds						Qvalue
6) Benzaldehyde	7.177	77	5059	1.603	ng/ul	86
72) Phenanthrene	17.454	178	156974	6.627	ng/ul	97
74) Anthracene	17.548	178	28520m	1.165	ng/ul	
80) Fluoranthene	19.463	202	323482	11.703	ng/ul	96
82) Pyrene	19.821	202	198361	6.947	ng/ul#	93
85) Benzo(a)anthracene	21.655	228	174302	6.063	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.555	149	23637	1.375	ng/ul#	96
87) Chrysene	21.719	228	202485	7.523	ng/ul	98
90) Benzo(b)fluoranthene	23.870	252	270386	9.027	ng/ul	97
91) Benzo(k)fluoranthene	23.928	252	116640m	3.905	ng/ul	
93) Benzo(a)pyrene	24.727	252	72935	2.571	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	28.529	276	94708m	2.613	ng/ul	
95) Dibenzo(a,h)anthracene	28.576	278	45763m	1.529	ng/ul	

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

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