Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121224\
Data File : BG063664.D
Acq On : 12 Dec 2024 12:41
Operator : RC/JU
Sample : P5153-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 12 22:18:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 23:59:23 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
E28Q0

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.817	152	207246	20.000	ng/ul	0.00
20) Naphthalene-d8	10.602	136	811280	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.451	164	552656	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.206	188	1149825	20.000	ng/ul	0.00
79) Chrysene-d12	21.454	240	1108186	20.000	ng/ul	0.00
88) Perylene-d12	24.480	264	1261754	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	20875	3.947	ng/uL	0.01
4) Pyridine-d5	3.693	84	303640	18.200	ng/ul	0.00
7) Phenol-d5	6.995	99	420150	22.012	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.147	67	276351	20.963	ng/ul	0.00
11) 2-Chlorophenol-d4	7.353	132	279493	22.618	ng/ul	0.00
15) 4-Methylphenol-d8	8.528	113	248606	16.776	ng/ul	0.00
21) Nitrobenzene-d5	8.969	128	139026	24.001	ng/ul	0.00
24) 2-Nitrophenol-d4	9.686	143	160092	24.655	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.232	165	288796	22.972	ng/ul	0.00
31) 4-Chloroaniline-d4	10.737	131	239912	15.030	ng/ul	0.00
46) Dimethylphthalate-d6	13.857	166	911452	24.237	ng/ul	0.00
49) Acenaphthylene-d8	14.145	160	933366	21.773	ng/ul	0.00
54) 4-Nitrophenol-d4	14.680	143	81133m	15.227	ng/ul	0.00
60) Fluorene-d10	15.449	176	617941	18.585	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.584	200	38529	6.454	ng/ul	0.00
73) Anthracene-d10	17.300	188	960807	19.436	ng/ul	0.00
81) Pyrene-d10	19.603	212	963124	16.701	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.274	264	799333	13.490	ng/ul	0.00
Target Compounds						Qvalue
8) Phenol	7.024	94	25088	1.233	ng/ul#	88
80) Fluoranthene	19.268	202	574029	8.758	ng/ul	99
82) Pyrene	19.633	202	564815	8.100	ng/ul	97
85) Benzo(a)anthracene	21.436	228	517414	7.450	ng/ul	98
87) Chrysene	21.501	228	398388m	6.019	ng/ul	
90) Benzo(b)fluoranthene	23.528	252	746262	10.406	ng/ul	99
91) Benzo(k)fluoranthene	23.587	252	240640m	3.364	ng/ul	
93) Benzo(a)pyrene	24.345	252	479094	7.118	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	27.876	276	319465m	3.886	ng/ul	
95) Dibenzo(a,h)anthracene	27.923	278	81110m	1.233	ng/ul	
96) Benzo(g,h,i)perylene	28.951	276	288909m	4.429	ng/ul	

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

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