Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
Data File : BG062076.D
Acq On : 15 Jul 2024 20:04
Operator : MA/JU
Sample : P3100-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 15 23:48:35 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 :
A4BX1

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/20/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.041	152	44752	20.000	ng/ul	0.00
20) Naphthalene-d8	10.855	136	219449	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.674	164	149881	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.424	188	341224	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.684	240	300275	20.000	ng/ul	# 0.00
88) Perylene-d12	24.904	264	368679	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.435	96	4404	3.698	ng/uL	0.00
4) Pyridine-d5	3.869	84	3996m	1.091	ng/ul	0.01
7) Phenol-d5	7.213	99	110827	22.629	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.365	67	62919	20.287	ng/ul	0.00
11) 2-Chlorophenol-d4	7.577	132	83196	24.765	ng/ul	0.00
15) 4-Methylphenol-d8	8.764	113	75169	19.494	ng/ul	0.02
21) Nitrobenzene-d5	9.210	128	41707	24.989	ng/ul	0.00
24) 2-Nitrophenol-d4	9.939	143	53293	27.961	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.479	165	100586	27.361	ng/ul	0.01
31) 4-Chloroaniline-d4	10.990	131	56833	10.648	ng/ul	0.00
46) Dimethylphthalate-d6	14.075	166	337960	27.427	ng/ul	0.00
49) Acenaphthylene-d8	14.369	160	366127	28.416	ng/ul	0.00
54) 4-Nitrophenol-d4	14.892	143	41128	20.900	ng/ul	0.02
60) Fluorene-d10	15.667	176	295853	28.520	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.791	200	37806	21.096	ng/ul	0.01
73) Anthracene-d10	17.524	188	455187	28.572	ng/ul	0.00
81) Pyrene-d10	19.804	212	433014	24.517	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.680	264	343800	18.803	ng/ul	0.02
Target Compounds						Qvalue
72) Phenanthrene	17.465	178	165156	9.179	ng/ul	98
74) Anthracene	17.553	178	25099	1.350	ng/ul	99
77) Carbazole	17.829	167	17752	1.134	ng/ul	98
80) Fluoranthene	19.469	202	429136	20.531	ng/ul#	91
82) Pyrene	19.833	202	289934	13.428	ng/ul#	91
85) Benzo(a)anthracene	21.666	228	196744	9.049	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.555	149	73740	5.671	ng/ul	93
87) Chrysene	21.731	228	233442	11.470	ng/ul	99
90) Benzo(b)fluoranthene	23.881	252	353609	15.223	ng/ul	97
91) Benzo(k)fluoranthene	23.946	252	113188m	4.887	ng/ul	
93) Benzo(a)pyrene	24.751	252	108361	4.927	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.570	276	99543m	3.541	ng/ul	
95) Dibenzo(a,h)anthracene	28.623	278	42176m	1.817	ng/ul	

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

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