Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058199.D
Acq On : 13 Jul 2023 15:13
Operator : CG/JU
Sample : 03414-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 13 23:11:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 13 14:01:20 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
A4636

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	50616	20.000	ng/ul	0.00
20) Naphthalene-d8	10.708	136	231245	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.539	164	169314	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.288	188	406250	20.000	ng/ul	0.00
79) Chrysene-d12	21.542	240	349077	20.000	ng/ul	0.00
88) Perylene-d12	24.685	264	431899	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	1797m	1.243	ng/uL	0.00
4) Pyridine-d5	3.763	84	9010	2.053	ng/ul	0.01
7) Phenol-d5	7.071	99	36534	7.068	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.229	67	22890	7.348	ng/ul	0.00
11) 2-Chlorophenol-d4	7.435	132	25425	7.132	ng/ul	0.00
15) 4-Methylphenol-d8	8.610	113	18440	4.728	ng/ul	0.00
21) Nitrobenzene-d5	9.063	128	13096	6.948	ng/ul	0.00
24) 2-Nitrophenol-d4	9.785	143	14571	7.356	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.332	165	27320	7.190	ng/ul	0.00
31) 4-Chloroaniline-d4	10.849	131	2856m	0.496	ng/ul	0.00
46) Dimethylphthalate-d6	13.945	166	102384	7.664	ng/ul	0.00
49) Acenaphthylene-d8	14.233	160	111560	7.653	ng/ul	0.00
54) 4-Nitrophenol-d4	14.750	143	10316m	4.371	ng/ul	0.00
60) Fluorene-d10	15.531	176	93377	8.230	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.655	200	10130	4.592	ng/ul	0.00
73) Anthracene-d10	17.382	188	130782	6.938	ng/ul	0.00
81) Pyrene-d10	19.674	212	177391	8.069	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.462	264	156092	7.094	ng/ul	0.00
Target Compounds						Qvalue
16) Acetophenone	8.728	105	27619	4.268	ng/ul	98
52) Acenaphthene	14.603	153	11652	1.079	ng/ul	94
61) Fluorene	15.584	166	15447	1.226	ng/ul	100
72) Phenanthrene	17.329	178	243841	11.800	ng/ul	99
74) Anthracene	17.418	178	39381	1.883	ng/ul	98
77) Carbazole	17.694	167	19456	1.029	ng/ul	98
78) Di-n-butylphthalate	18.246	149	800120	33.212	ng/ul	99
80) Fluoranthene	19.339	202	317065	12.446	ng/ul	100
82) Pyrene	19.703	202	313583	12.229	ng/ul	99
85) Benzo(a)anthracene	21.519	228	155389	6.200	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.425	149	29098	1.953	ng/ul	100
87) Chrysene	21.583	228	156088	6.643	ng/ul	98
90) Benzo(b)fluoranthene	23.687	252	164974	6.169	ng/ul	98
91) Benzo(k)fluoranthene	23.745	252	68267m	2.604	ng/ul	
93) Benzo(a)pyrene	24.527	252	108998	4.605	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.246	276	78526	2.498	ng/ul	98
95) Dibenzo(a,h)anthracene	28.311	278	26302m	1.015	ng/ul	

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

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