Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061535.D
Acq On : 7 Jun 2024 16:11
Operator : MA/JU
Sample : P2634-18DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 07 22:45:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 12:15:45 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BHBY2DL

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024

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06/10/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.876	152	26828	20.000	ng/ul	0.00
20) Naphthalene-d8	10.667	136	109705	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.516	164	83438	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.265	188	191840	20.000	ng/ul	0.00
79) Chrysene-d12	21.531	240	205739	20.000	ng/ul	# 0.01
88) Perylene-d12	24.639	264	238710	20.000	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.329	96	297	0.620	ng/uL	-0.03
4) Pyridine-d5	3.740	84	3417m	2.004	ng/ul	-0.03
7) Phenol-d5	7.060	99	9823	4.459	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.201	67	5670	4.095	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.412	132	8074	4.952	ng/ul	0.00
15) 4-Methylphenol-d8	8.593	113	8870	4.722	ng/ul	0.00
21) Nitrobenzene-d5	9.034	128	4340	5.138	ng/ul	0.00
24) 2-Nitrophenol-d4	9.756	143	4830	4.886	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.315	165	10351	5.371	ng/ul	0.00
31) 4-Chloroaniline-d4	10.808	131	3230	1.281	ng/ul	0.00
46) Dimethylphthalate-d6	13.916	166	34441	5.322	ng/ul	0.00
49) Acenaphthylene-d8	14.204	160	37230	5.534	ng/ul	0.00
54) 4-Nitrophenol-d4	14.780	143	2986m	3.732	ng/ul	0.02
60) Fluorene-d10	15.509	176	30117	5.391	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.655	200	2260	1.948	ng/ul	0.00
73) Anthracene-d10	17.365	188	50132	5.927	ng/ul	0.00
81) Pyrene-d10	19.662	212	56566	5.355	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.427	264	50668	4.415	ng/ul	0.03
Target Compounds						Qvalue
52) Acenaphthene	14.574	153	6162	1.259	ng/ul	93
72) Phenanthrene	17.312	178	149560	16.063	ng/ul	98
74) Anthracene	17.400	178	19397m	2.015	ng/ul	
77) Carbazole	17.677	167	12500	1.596	ng/ul	98
80) Fluoranthene	19.328	202	458788	36.203	ng/ul	99
82) Pyrene	19.692	202	370980	28.202	ng/ul	98
85) Benzo(a)anthracene	21.513	228	226297	15.941	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.419	149	20712	3.096	ng/ul	94
87) Chrysene	21.572	228	245612	18.790	ng/ul	97
90) Benzo(b)fluoranthene	23.658	252	343131	24.143	ng/ul	99
91) Benzo(k)fluoranthene	23.711	252	109503m	7.589	ng/ul	
93) Benzo(a)pyrene	24.492	252	148857	11.030	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.164	276	127370	7.804	ng/ul	98
95) Dibenzo(a,h)anthracene	28.182	278	41881m	3.112	ng/ul	
96) Benzo(g,h,i)perylene	29.257	276	22061m	1.699	ng/ul	

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

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