Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057964.D
Acq On : 3 Jul 2023 21:13
Operator : CG/JU
Sample : 03246-22
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jul 04 04:13:11 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jul 02 07:50:15 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DCGK9

Manual Integrations APPROVED

Reviewed By :Sohil Jodhani 07/04/2023
Supervised By :mohammad ahmed 07/04/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.938	152	39487	20.000	ng/ul	0.00
20) Naphthalene-d8	10.741	136	184838	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.566	164	134760	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.310	188	314912	20.000	ng/ul	0.00
79) Chrysene-d12	21.563	240	256857	20.000	ng/ul	0.00
88) Perylene-d12	24.724	264	314035	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.373	96	3950	3.503	ng/uL	0.00
4) Pyridine-d5	3.784	84	41656	12.168	ng/ul	0.00
7) Phenol-d5	7.098	99	81858	20.299	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.263	67	50558	20.804	ng/ul	0.00
11) 2-Chlorophenol-d4	7.468	132	60268	21.669	ng/ul	0.00
15) 4-Methylphenol-d8	8.637	113	50847	16.710	ng/ul	0.00
21) Nitrobenzene-d5	9.096	128	32261	21.414	ng/ul	0.00
24) 2-Nitrophenol-d4	9.818	143	35122	22.182	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.359	165	65117	21.439	ng/ul	0.00
31) 4-Chloroaniline-d4	10.870	131	45696	9.923	ng/ul	0.00
46) Dimethylphthalate-d6	13.972	166	215187	20.238	ng/ul	0.00
49) Acenaphthylene-d8	14.260	160	255272	22.001	ng/ul	0.00
54) 4-Nitrophenol-d4	14.766	143	30444	16.206	ng/ul	0.00
60) Fluorene-d10	15.559	176	200624	22.217	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.676	200	27551	16.112	ng/ul	0.00
73) Anthracene-d10	17.410	188	292201	19.996	ng/ul	0.00
81) Pyrene-d10	19.695	212	357600	22.106	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.507	264	356451	22.279	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.351	178	37065	2.314	ng/ul	99
80) Fluoranthene	19.360	202	128669	6.864	ng/ul	99
82) Pyrene	19.724	202	110577	5.860	ng/ul	98
85) Benzo(a)anthracene	21.546	228	80677	4.374	ng/ul	94
87) Chrysene	21.610	228	101237	5.856	ng/ul	98
90) Benzo(b)fluoranthene	23.720	252	185165	9.523	ng/ul#	95
91) Benzo(k)fluoranthene	23.779	252	52327	2.746	ng/ul#	92
93) Benzo(a)pyrene	24.572	252	93050	5.407	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.308	276	82743	3.621	ng/ul	99
95) Dibenzo(a,h)anthracene	28.355	278	24586m	1.305	ng/ul	
96) Benzo(g,h,i)perylene	29.437	276	68634	3.677	ng/ul	94

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

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