Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057953.D
Acq On : 3 Jul 2023 13:29
Operator : CG/JU
Sample : 03246-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGJ4

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

Quant Time: Jul 04 03:20:19 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.932	152	40826	20.000	ng/ul	0.00
20) Naphthalene-d8	10.740	136	192253	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.571	164	140979	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.315	188	330617	20.000	ng/ul	0.00
79) Chrysene-d12	21.563	240	271885	20.000	ng/ul	0.00
88) Perylene-d12	24.724	264	323889	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.366	96	4879	4.185	ng/uL	0.00
4) Pyridine-d5	3.778	84	59070	16.688	ng/ul	0.00
7) Phenol-d5	7.091	99	111222	26.676	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.262	67	68286	27.178	ng/ul	0.00
11) 2-Chlorophenol-d4	7.467	132	79358	27.597	ng/ul	0.00
15) 4-Methylphenol-d8	8.637	113	73286	23.295	ng/ul	0.00
21) Nitrobenzene-d5	9.095	128	42856	27.350	ng/ul	0.00
24) 2-Nitrophenol-d4	9.818	143	48553	29.482	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.358	165	94815	30.012	ng/ul	0.00
31) 4-Chloroaniline-d4	10.875	131	34647	7.233	ng/ul	0.00
46) Dimethylphthalate-d6	13.972	166	341885	30.736	ng/ul	0.00
49) Acenaphthylene-d8	14.265	160	394666	32.514	ng/ul	0.00
54) 4-Nitrophenol-d4	14.765	143	51275	26.091	ng/ul	0.00
60) Fluorene-d10	15.558	176	309222	32.733	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.670	200	47083	26.226	ng/ul	0.00
73) Anthracene-d10	17.409	188	444825	28.995	ng/ul	0.00
81) Pyrene-d10	19.700	212	555526	32.442	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.512	264	547665	33.189	ng/ul	0.01
Target Compounds						Qvalue
72) Phenanthrene	17.356	178	56047	3.333	ng/ul	98
80) Fluoranthene	19.365	202	119208	6.008	ng/ul	99
82) Pyrene	19.730	202	105917	5.303	ng/ul	99
85) Benzo(a)anthracene	21.545	228	59447	3.045	ng/ul	99
87) Chrysene	21.610	228	71447	3.904	ng/ul	99
90) Benzo(b)fluoranthene	23.719	252	104622	5.217	ng/ul#	95
91) Benzo(k)fluoranthene	23.778	252	33432m	1.701	ng/ul	
93) Benzo(a)pyrene	24.577	252	65463	3.688	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	28.314	276	57573m	2.443	ng/ul	
96) Benzo(g,h,i)perylene	29.442	276	49860	2.590	ng/ul	98

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

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