Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057952.D
Acq On : 3 Jul 2023 12:47
Operator : CG/JU
Sample : 03246-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGJ3

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

Quant Time: Jul 04 03:11:39 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	7.934	152	41847	20.000	ng/ul	0.00
20) Naphthalene-d8	10.736	136	196913	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.567	164	142779	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.311	188	341152	20.000	ng/ul	0.00
79) Chrysene-d12	21.565	240	272985	20.000	ng/ul	0.00
88) Perylene-d12	24.726	264	332746	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.368	96	3582	2.997	ng/uL	0.00
4) Pyridine-d5	3.780	84	30726	8.469	ng/ul	0.00
7) Phenol-d5	7.094	99	73741	17.255	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.258	67	48815	18.954	ng/ul	0.00
11) 2-Chlorophenol-d4	7.464	132	56204	19.068	ng/ul	0.00
15) 4-Methylphenol-d8	8.633	113	50962	15.804	ng/ul	0.00
21) Nitrobenzene-d5	9.097	128	28725	17.898	ng/ul	0.00
24) 2-Nitrophenol-d4	9.814	143	32389	19.202	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.354	165	61620	19.043	ng/ul	0.00
31) 4-Chloroaniline-d4	10.871	131	47900	9.764	ng/ul	0.00
46) Dimethylphthalate-d6	13.974	166	219582	19.492	ng/ul	0.00
49) Acenaphthylene-d8	14.262	160	251606	20.467	ng/ul	0.00
54) 4-Nitrophenol-d4	14.761	143	27471	13.802	ng/ul	0.00
60) Fluorene-d10	15.560	176	198917	20.791	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.672	200	27633	14.917	ng/ul	0.00
73) Anthracene-d10	17.411	188	308978	19.518	ng/ul	0.00
81) Pyrene-d10	19.696	212	362800	21.102	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.508	264	353627	20.860	ng/ul	0.01
Target Compounds						Qvalue
72) Phenanthrene	17.352	178	30873	1.779	ng/ul	99
80) Fluoranthene	19.361	202	80922	4.062	ng/ul	97
82) Pyrene	19.726	202	70836	3.532	ng/ul	98
85) Benzo(a)anthracene	21.547	228	46620	2.378	ng/ul	98
87) Chrysene	21.606	228	54992	2.993	ng/ul	98
90) Benzo(b)fluoranthene	23.721	252	80611	3.913	ng/ul#	95
91) Benzo(k)fluoranthene	23.780	252	31277m	1.549	ng/ul	
93) Benzo(a)pyrene	24.573	252	51529	2.826	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.316	276	44722	1.847	ng/ul#	91
96) Benzo(g,h,i)perylene	29.432	276	42668m	2.157	ng/ul	

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

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