Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057969.D
Acq On : 4 Jul 2023 00:45
Operator : CG/JU
Sample : 03246-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGJ8

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

Quant Time: Jul 04 04:50:49 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	7.941	152	49980	20.000	ng/ul	0.01
20) Naphthalene-d8	10.744	136	234410	20.000	ng/ul	0.01
38) Acenaphthene-d10	14.575	164	159780	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.313	188	336833	20.000	ng/ul	0.00
79) Chrysene-d12	21.566	240	268506	20.000	ng/ul	0.00
88) Perylene-d12	24.733	264	329562	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	5434	3.807	ng/uL	0.01
4) Pyridine-d5	3.787	84	57408	13.248	ng/ul	0.01
7) Phenol-d5	7.101	99	125408	24.570	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.265	67	76966	25.022	ng/ul	0.00
11) 2-Chlorophenol-d4	7.471	132	91097	25.877	ng/ul	0.00
15) 4-Methylphenol-d8	8.646	113	86872	22.556	ng/ul	0.01
21) Nitrobenzene-d5	9.099	128	49369	25.840	ng/ul	0.00
24) 2-Nitrophenol-d4	9.821	143	54509	27.146	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.362	165	101054	26.234	ng/ul	0.00
31) 4-Chloroaniline-d4	10.873	131	97732	16.735	ng/ul	0.00
46) Dimethylphthalate-d6	13.975	166	320594	25.430	ng/ul	0.00
49) Acenaphthylene-d8	14.263	160	371838	27.029	ng/ul	0.00
54) 4-Nitrophenol-d4	14.768	143	41712	18.727	ng/ul	0.00
60) Fluorene-d10	15.562	176	279864	26.140	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.679	200	35822	19.585	ng/ul	0.01
73) Anthracene-d10	17.412	188	385449	24.661	ng/ul	0.00
81) Pyrene-d10	19.704	212	472277	27.928	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.516	264	475496	28.320	ng/ul	0.02
Target Compounds						Qvalue
72) Phenanthrene	17.360	178	23500	1.372	ng/ul	98
80) Fluoranthene	19.369	202	109661	5.596	ng/ul	98
82) Pyrene	19.733	202	94978	4.815	ng/ul	98
85) Benzo(a)anthracene	21.549	228	60743	3.151	ng/ul	96
87) Chrysene	21.613	228	70140	3.881	ng/ul	97
90) Benzo(b)fluoranthene	23.729	252	110498	5.415	ng/ul	95
91) Benzo(k)fluoranthene	23.781	252	32193m	1.610	ng/ul	
93) Benzo(a)pyrene	24.580	252	66573	3.686	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	28.335	276	54503m	2.273	ng/ul	
96) Benzo(g,h,i)perylene	29.451	276	49536m	2.529	ng/ul	

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

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