Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057992.D
Acq On : 4 Jul 2023 18:16
Operator : CG/JU
Sample : 03248-03
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGN1

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

Quant Time: Jul 05 01:35:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 04 05:09:13 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.942	152	48792	20.000	ng/ul	0.00
20) Naphthalene-d8	10.744	136	229394	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.575	164	154605	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.319	188	340932	20.000	ng/ul	0.00
79) Chrysene-d12	21.573	240	280940	20.000	ng/ul	0.00
88) Perylene-d12	24.740	264	336241	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	6401	4.594	ng/uL	0.00
4) Pyridine-d5	3.788	84	79630	18.824	ng/ul	0.00
7) Phenol-d5	7.107	99	133134	26.718	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.266	67	86067	28.662	ng/ul	0.00
11) 2-Chlorophenol-d4	7.477	132	100536	29.254	ng/ul	0.00
15) 4-Methylphenol-d8	8.647	113	61236	16.287	ng/ul	0.00
21) Nitrobenzene-d5	9.099	128	54564	29.184	ng/ul	0.00
24) 2-Nitrophenol-d4	9.828	143	60870	30.977	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.368	165	107959	28.640	ng/ul	0.00
31) 4-Chloroaniline-d4	10.879	131	52917	9.259	ng/ul	0.00
46) Dimethylphthalate-d6	13.976	166	361051	29.598	ng/ul	0.00
49) Acenaphthylene-d8	14.270	160	415385	31.205	ng/ul	0.00
54) 4-Nitrophenol-d4	14.775	143	54604	25.336	ng/ul	0.00
60) Fluorene-d10	15.568	176	320932	30.979	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.685	200	44147	23.847	ng/ul	0.00
73) Anthracene-d10	17.419	188	418685	26.465	ng/ul	0.00
81) Pyrene-d10	19.704	212	551376	31.162	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.528	264	556554	32.489	ng/ul	0.01
Target Compounds						Qvalue
72) Phenanthrene	17.360	178	23390	1.349	ng/ul	95
80) Fluoranthene	19.369	202	69720	3.401	ng/ul	99
82) Pyrene	19.734	202	63807	3.092	ng/ul	97
85) Benzo(a)anthracene	21.555	228	46602	2.310	ng/ul	93
87) Chrysene	21.614	228	58206	3.078	ng/ul#	94
90) Benzo(b)fluoranthene	23.735	252	106466	5.114	ng/ul#	97
91) Benzo(k)fluoranthene	23.794	252	41088m	2.013	ng/ul	
93) Benzo(a)pyrene	24.593	252	58712	3.186	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.341	276	49534m	2.024	ng/ul	
96) Benzo(g,h,i)perylene	29.475	276	37048m	1.854	ng/ul	

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

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