Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG058014.D
Acq On : 5 Jul 2023 10:22
Operator : CG/JU
Sample : 03248-12
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGP0

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

Quant Time: Jul 05 12:15:51 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	7.947	152	68239	20.000	ng/ul	0.00
20) Naphthalene-d8	10.750	136	312200	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.581	164	206752	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.325	188	447649	20.000	ng/ul	0.00
79) Chrysene-d12	21.578	240	369163	20.000	ng/ul	0.00
88) Perylene-d12	24.751	264	444515	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	8164	4.189	ng/uL	0.00
4) Pyridine-d5	3.788	84	84741	14.323	ng/ul	0.00
7) Phenol-d5	7.113	99	181038	25.978	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.272	67	108877	25.925	ng/ul	0.00
11) 2-Chlorophenol-d4	7.477	132	136653	28.431	ng/ul	0.00
15) 4-Methylphenol-d8	8.652	113	121151	23.039	ng/ul	0.00
21) Nitrobenzene-d5	9.105	128	69758	27.414	ng/ul	0.00
24) 2-Nitrophenol-d4	9.828	143	78351	29.298	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.374	165	139610	27.213	ng/ul	0.01
31) 4-Chloroaniline-d4	10.885	131	68669	8.828	ng/ul	0.00
46) Dimethylphthalate-d6	13.981	166	411850	25.247	ng/ul	0.00
49) Acenaphthylene-d8	14.275	160	487620	27.392	ng/ul	0.00
54) 4-Nitrophenol-d4	14.786	143	58711	20.371	ng/ul	0.01
60) Fluorene-d10	15.568	176	369279	26.655	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.685	200	51431	21.159	ng/ul	0.00
73) Anthracene-d10	17.419	188	518418	24.957	ng/ul	0.00
81) Pyrene-d10	19.710	212	624197	26.847	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.540	264	636078	28.087	ng/ul	0.02
Target Compounds						Qvalue
72) Phenanthrene	17.366	178	100739	4.424	ng/ul	99
80) Fluoranthene	19.375	202	315068	11.695	ng/ul	99
82) Pyrene	19.739	202	259109	9.555	ng/ul	100
85) Benzo(a)anthracene	21.561	228	170733	6.441	ng/ul	97
87) Chrysene	21.620	228	183096	7.369	ng/ul	96
90) Benzo(b)fluoranthene	23.747	252	305124	11.086	ng/ul	98
91) Benzo(k)fluoranthene	23.799	252	105866m	3.924	ng/ul	
93) Benzo(a)pyrene	24.604	252	173092	7.105	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.365	276	121380m	3.752	ng/ul	
95) Dibenzo(a,h)anthracene	28.418	278	31878m	1.195	ng/ul	
96) Benzo(g,h,i)perylene	29.499	276	92026m	3.483	ng/ul	

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

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