Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081121\
Data File : BG049808.D
Acq On : 12 Aug 2021 4:38
Operator : CG/JU
Sample : M3287-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGB12

Manual Integrations APPROVED
mohammad
8/12/2021 1:35:16 PM

Quant Time: Aug 12 05:28:28 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 10 16:55:58 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.036	152	30834	20.000	ng/ul	0.00
20) Naphthalene-d8	10.856	136	133072	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.692	164	91998	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.441	188	178835	20.000	ng/ul	0.00
79) Chrysene-d12	21.724	240	150318	20.000	ng/ul	0.00
88) Perylene-d12	25.008	264	150772	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.413	96	1400m	2.123	ng/uL	0.00
4) Pyridine-d5	3.848	84	10613	5.363	ng/ul	0.00
7) Phenol-d5	7.196	99	31305	11.187	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.349	67	19365	12.047	ng/ul	0.00
11) 2-Chlorophenol-d4	7.566	132	27772	13.866	ng/ul	0.00
15) 4-Methylphenol-d8	8.753	113	23798	11.154	ng/ul	0.00
21) Nitrobenzene-d5	9.205	128	14235	13.580	ng/ul	0.00
24) 2-Nitrophenol-d4	9.934	143	17222m	14.386	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.480	165	31622	14.009	ng/ul	0.00
31) 4-Chloroaniline-d4	10.997	131	31485	10.189	ng/ul	0.00
46) Dimethylphthalate-d6	14.087	166	105864	14.663	ng/ul	0.00
49) Acenaphthylene-d8	14.381	160	125398	14.599	ng/ul	0.00
54) 4-Nitrophenol-d4	14.909	143	9082m	7.780	ng/ul	0.01
60) Fluorene-d10	15.679	176	92695	14.937	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.808	200	6186	5.139	ng/ul	0.00
73) Anthracene-d10	17.541	188	135654m	16.070	ng/ul	0.00
81) Pyrene-d10	19.826	212	144091	17.398	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.778	264	132381	16.024	ng/ul	0.01
Target Compounds						Qvalue
72) Phenanthrene	17.482	178	25873	2.733	ng/ul#	94
80) Fluoranthene	19.497	202	95948	9.387	ng/ul#	97
82) Pyrene	19.856	202	95366	9.354	ng/ul	98
85) Benzo(a)anthracene	21.700	228	64447	6.530	ng/ul	94
87) Chrysene	21.771	228	63627	6.903	ng/ul	99
90) Benzo(b)fluoranthene	23.962	252	83943	8.518	ng/ul	93
91) Benzo(k)fluoranthene	24.009	252	37701m	3.853	ng/ul	
93) Benzo(a)pyrene	24.849	252	52599	6.063	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	28.767	276	36870m	3.239	ng/ul	
95) Dibenzo(a,h)anthracene	28.814	278	11922m	1.255	ng/ul	
96) Benzo(g,h,i)perylene	29.948	276	26146m	2.762	ng/ul	

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

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