Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
Data File : BG050110.D
Acq On : 2 Sep 2021 23:56
Operator : CG/JU
Sample : M3526-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW7C5

Manual Integrations APPROVED
mohammad
9/3/2021 3:32:08 PM

Quant Time: Sep 03 00:59:37 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 14:59:55 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.948	152	26388	20.000	ng/ul	0.00
20) Naphthalene-d8	10.774	136	108019	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.616	164	73052	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.371	188	151699	20.000	ng/ul	0.00
79) Chrysene-d12	21.641	240	144059	20.000	ng/ul	0.00
88) Perylene-d12	24.861	264	151648	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.307	96	1282	2.505	ng/uL	0.00
4) Pyridine-d5	3.766	84	3186m	2.067	ng/ul	0.02
7) Phenol-d5	7.126	99	26055	11.628	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.273	67	17746	14.255	ng/ul	0.00
11) 2-Chlorophenol-d4	7.484	132	21292	12.699	ng/ul	0.00
15) 4-Methylphenol-d8	8.677	113	15111	8.563	ng/ul	0.00
21) Nitrobenzene-d5	9.123	128	11625	13.881	ng/ul	0.00
24) 2-Nitrophenol-d4	9.851	143	12473	12.508	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.404	165	20537	11.547	ng/ul	0.00
31) 4-Chloroaniline-d4	10.915	131	20783	8.585	ng/ul	0.00
46) Dimethylphthalate-d6	14.011	166	72257	12.924	ng/ul	-0.01
49) Acenaphthylene-d8	14.310	160	89310	13.624	ng/ul	0.00
54) 4-Nitrophenol-d4	14.856	143	6681m	8.260	ng/ul	0.01
60) Fluorene-d10	15.608	176	64566	13.621	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.749	200	8412	8.619	ng/ul	0.00
73) Anthracene-d10	17.465	188	99435	14.597	ng/ul	-0.01
81) Pyrene-d10	19.762	212	109379	14.050	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.643	264	92710	11.523	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.821	128	8662	1.604	ng/ul	97
36) 2-Methylnaphthalene	12.436	142	9331	2.325	ng/ul	81
37) 1-Methylnaphthalene	12.659	142	7787	1.922	ng/ul	92
72) Phenanthrene	17.412	178	33080	4.374	ng/ul	94
80) Fluoranthene	19.427	202	80689	8.399	ng/ul	99
82) Pyrene	19.791	202	57251	6.014	ng/ul	99
85) Benzo(a)anthracene	21.624	228	32760	3.650	ng/ul	99
87) Chrysene	21.688	228	29049	3.423	ng/ul	98
90) Benzo(b)fluoranthene	23.833	252	35589	3.669	ng/ul#	95
91) Benzo(k)fluoranthene	23.897	252	16276m	1.765	ng/ul	
93) Benzo(a)pyrene	24.714	252	20913m	2.482	ng/ul	
94) Indeno(1,2,3-cd)pyrene	28.561	276	16041m	1.443	ng/ul	

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

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