Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032352.D
Acq On : 29 Jun 2024 15:17
Operator : MA/JU
Sample : PB161564BS
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS564

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/01/2024
Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jun 30 23:05:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.612	152	7731	0.400	ng/ul	0.00
4) Naphthalene-d8	10.386	136	24978	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.256	164	14227	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.015	188	24644	0.400	ng/ul	0.00
17) Chrysene-d12	21.216	240	19435	0.400	ng/ul	#-0.01
23) Perylene-d12	23.434	264	22217	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.148	96	6326	0.736	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.986	152	13655	0.365	ng/ul	-0.01
18) Fluoranthene-d10	19.049	212	22355	0.382	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.181	88	13435	1.373	ng/ul	90
5) Naphthalene	10.436	128	22867	0.346	ng/ul	99
7) 2-Methylnaphthalene	12.058	142	14524	0.332	ng/ul	100
8) 1-Methylnaphthalene	12.283	142	14419	0.317	ng/ul	100
10) Acenaphthylene	13.979	152	23630	0.399	ng/ul	100
11) Acenaphthene	14.321	153	15877	0.346	ng/ul	99
12) Fluorene	15.316	166	16679	0.305	ng/ul	99
14) Pentachlorophenol	16.677	266	3288	0.590	ng/ul	99
15) Phenanthrene	17.053	178	23397	0.346	ng/ul	98
16) Anthracene	17.146	178	23554	0.391	ng/ul	96
19) Fluoranthene	19.081	202	26062	0.352	ng/ul	97
20) Pyrene	19.444	202	27242	0.352	ng/ul	97
21) Benzo(a)anthracene	21.201	228	26085m	0.372	ng/ul	
22) Chrysene	21.251	228	26184	0.340	ng/ul	93
24) Benzo(b)fluoranthene	22.765	252	27111	0.281	ng/ul	78
25) Benzo(k)fluoranthene	22.809	252	27667	0.295	ng/ul#	77
26) Benzo(a)pyrene	23.338	252	25931	0.386	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	25.672	276	32983	0.314	ng/ul	99
28) Dibenzo(a,h)anthracene	25.678	278	26387	0.338	ng/ul#	81
29) Benzo(g,h,i)perylene	26.356	276	27042	0.323	ng/ul#	87

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

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