Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111324\
Data File : BM048693.D
Acq On : 15 Nov 2024 03:34
Operator : RC/JU
Sample : PB164923BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS923

Quant Time: Nov 15 04:16:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 11:38:55 2024
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	2729m	0.400	ng/ul	0.04
4) Naphthalene-d8	10.507	136	9195	0.400	ng/ul	0.01
9) Acenaphthene-d10	14.326	164	5618	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.090	188	11359	0.400	ng/ul	0.00
17) Chrysene-d12	21.268	240	8967	0.400	ng/ul	0.00
23) Perylene-d12	23.487	264	9130	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	2772	0.842	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.113	152	4756	0.400	ng/ul	0.01
18) Fluoranthene-d10	19.114	212	11106	0.441	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.155	88	8031	2.122	ng/ul#	63
5) Naphthalene	10.557	128	9200	0.399	ng/ul	95
7) 2-Methylnaphthalene	12.190	142	5233	0.361	ng/ul	92
8) 1-Methylnaphthalene	12.383	142	6278	0.423	ng/ul	100
10) Acenaphthylene	14.053	152	8545	0.400	ng/ul	99
11) Acenaphthene	14.391	153	6917	0.405	ng/ul	99
12) Fluorene	15.404	166	7393	0.399	ng/ul	99
14) Pentachlorophenol	16.753	266	2218	0.532	ng/ul	99
15) Phenanthrene	17.133	178	10815	0.362	ng/ul	98
16) Anthracene	17.251	178	9486	0.342	ng/ul	97
19) Fluoranthene	19.146	202	14431	0.435	ng/ul	99
20) Pyrene	19.504	202	15640	0.434	ng/ul	99
21) Benzo(a)anthracene	21.262	228	9232	0.314	ng/ul	99
22) Chrysene	21.303	228	17351	0.493	ng/ul	99
24) Benzo(b)fluoranthene	22.820	252	12532	0.440	ng/ul	97
25) Benzo(k)fluoranthene	22.864	252	16287	0.488	ng/ul	99
26) Benzo(a)pyrene	23.402	252	12173	0.438	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.759	276	14658	0.378	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.779	278	10664	0.353	ng/ul	94
29) Benzo(g,h,i)perylene	26.436	276	13476	0.414	ng/ul	99

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

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