Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
Data File : BM048187.D
Acq On : 22 Oct 2024 11:43
Operator : RC/JU
Sample : PB164300BS
Misc :
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Oct 22 12:27:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 22 10:58:11 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SLCS300

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/23/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.767	152	6376	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.550	136	20400	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.399	164	10654	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.140	188	20875m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.313	240	14996m	0.400	ng/ul	-0.02
23) Perylene-d12	23.575	264	15161m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.231	96	39986	4.613	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.140	152	7550m	0.266	ng/ul	-0.06
18) Fluoranthene-d10	19.164	212	15100	0.346	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.265	88	83606	8.212	ng/ul#	80
5) Naphthalene	10.600	128	1382709	24.940	ng/ul	96
7) 2-Methylnaphthalene	12.217	142	881852	27.801	ng/ul	97
8) 1-Methylnaphthalene	12.437	142	845246	23.154	ng/ul	98
10) Acenaphthylene	14.117	152	1275922	25.926	ng/ul	97
11) Acenaphthene	14.459	153	875698	24.898	ng/ul	98
12) Fluorene	15.449	166	972348	25.807	ng/ul	97
14) Pentachlorophenol	16.798	266	261808m	37.350	ng/ul	
15) Phenanthrene	17.182	178	1484894m	28.147	ng/ul	
16) Anthracene	17.271	178	1467589m	29.404	ng/ul	
19) Fluoranthene	19.196	202	1703953	28.949	ng/ul	97
20) Pyrene	19.559	202	1742103	27.528	ng/ul	99
21) Benzo(a)anthracene	21.295	228	1602483	34.690	ng/ul	99
22) Chrysene	21.348	228	1512553	21.504	ng/ul	99
24) Benzo(b)fluoranthene	22.891	252	1592471	27.413	ng/ul	81
25) Benzo(k)fluoranthene	22.935	252	1588578	22.591	ng/ul#	82
26) Benzo(a)pyrene	23.473	252	1492882	30.857	ng/ul#	71
27) Indeno(1,2,3-cd)pyrene	25.870	276	1909499	26.338	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.877	278	1493851	26.977	ng/ul#	84
29) Benzo(g,h,i)perylene	26.571	276	1540461	25.435	ng/ul	95

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

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