Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043150.D
Acq On : 02 Dec 2023 08:33
Operator : MA/JU
Sample : PB157334BS
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS334

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023

Quant Time: Dec 02 22:40:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 02 01:12:12 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.868	152	678	0.400	ng/ul	0.04
4) Naphthalene-d8	10.634	136	2520	0.400	ng/ul	0.02
9) Acenaphthene-d10	14.456	164	1430	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.230	188	2914	0.400	ng/ul	0.01
17) Chrysene-d12	21.415	240	1603	0.400	ng/ul	0.01
23) Perylene-d12	23.765	264	1882	0.400	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.160	96	684	0.658	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.245	152	1101	0.327	ng/ul	0.02
18) Fluoranthene-d10	19.258	212	2165	0.371	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.193	88	2015	1.804	ng/ul#	84
5) Naphthalene	10.689	128	2086	0.305	ng/ul	98
7) 2-Methylnaphthalene	12.322	142	1190	0.295	ng/ul	97
8) 1-Methylnaphthalene	12.509	142	1296	0.288	ng/ul	99
10) Acenaphthylene	14.192	152	2199	0.301	ng/ul	99
11) Acenaphthene	14.521	153	1712	0.310	ng/ul	97
12) Fluorene	15.529	166	1742	0.307	ng/ul	96
14) Pentachlorophenol	16.896	266	374	0.474	ng/ul	95
15) Phenanthrene	17.272	178	2495	0.300	ng/ul	97
16) Anthracene	17.386	178	2538	0.322	ng/ul	94
19) Fluoranthene	19.286	202	3154	0.347	ng/ul	99
20) Pyrene	19.648	202	3320	0.344	ng/ul	99
21) Benzo(a)anthracene	21.403	228	1842	0.354	ng/ul	99
22) Chrysene	21.450	228	3083	0.318	ng/ul	100
24) Benzo(b)fluoranthene	23.039	252	2361	0.372	ng/ul	99
25) Benzo(k)fluoranthene	23.089	252	3187m	0.364	ng/ul	
26) Benzo(a)pyrene	23.665	252	2317	0.334	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.238	276	3200	0.341	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.265	278	2395	0.330	ng/ul	99
29) Benzo(g,h,i)perylene	26.990	276	3100	0.340	ng/ul	99

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

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