Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028690.D
Acq On : 17 Nov 2023 07:17
Operator : MA/JU
Sample : PB157122BS
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS122

Quant Time: Nov 17 07:46:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 16 22:38:14 2023
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.841	152	5566m	0.400	ng/ul	0.05
4) Naphthalene-d8	10.506	136	14191	0.400	ng/ul	# 0.02
9) Acenaphthene-d10	14.326	164	11420	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.090	188	17843	0.400	ng/ul	0.00
17) Chrysene-d12	21.296	240	15329	0.400	ng/ul	# 0.00
23) Perylene-d12	23.579	264	14343	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.120	96	5874m	0.955	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.118	152	6684	0.313	ng/ul	0.00
18) Fluoranthene-d10	19.118	212	25179	0.510	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.150	88	17778m	2.615	ng/ul	
5) Naphthalene	10.550	128	16954	0.426	ng/ul	96
7) 2-Methylnaphthalene	12.189	142	7391	0.282	ng/ul	97
8) 1-Methylnaphthalene	12.371	142	11339	0.426	ng/ul	99
10) Acenaphthylene	14.048	152	22619	0.397	ng/ul	98
11) Acenaphthene	14.391	153	18192	0.434	ng/ul	99
12) Fluorene	15.395	166	16221	0.332	ng/ul	100
14) Pentachlorophenol	16.740	266	3954	0.923	ng/ul	100
15) Phenanthrene	17.128	178	24843	0.453	ng/ul	98
16) Anthracene	17.242	178	14475	0.288	ng/ul	96
19) Fluoranthene	19.151	202	32378	0.497	ng/ul	100
20) Pyrene	19.513	202	36829	0.545	ng/ul	98
21) Benzo(a)anthracene	21.285	228	19500	0.322	ng/ul	99
22) Chrysene	21.334	228	26337	0.444	ng/ul	99
24) Benzo(b)fluoranthene	22.889	252	23078	0.429	ng/ul	91
25) Benzo(k)fluoranthene	22.936	252	27776	0.493	ng/ul	92
26) Benzo(a)pyrene	23.485	252	23824	0.469	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	25.931	276	28378	0.503	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.961	278	21300	0.473	ng/ul	95
29) Benzo(g,h,i)perylene	26.639	276	25478	0.551	ng/ul	96

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

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