Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032023\
Data File : BN024433.D
Acq On : 21 Mar 2023 04:48
Operator : CG/JU
Sample : PB151455BS
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS455

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023

Quant Time: Mar 21 05:18:14 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN030923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 21 02:42:36 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	12949	0.400	ng/ul	0.00
4) Naphthalene-d8	10.850	136	39551	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.666	164	21541	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.413	188	43592	0.400	ng/ul	0.00
17) Chrysene-d12	21.600	240	30206	0.400	ng/ul	0.00
23) Perylene-d12	24.085	264	23000m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.397	96	8118	0.570	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.429	152	15742	0.335	ng/ul	0.00
18) Fluoranthene-d10	19.436	212	28860	0.359	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.435	88	21096	1.361	ng/ul	91
5) Naphthalene	10.900	128	32116	0.325	ng/ul	100
7) 2-Methylnaphthalene	12.500	142	19906	0.332	ng/ul	100
8) 1-Methylnaphthalene	12.720	142	20846	0.331	ng/ul	100
10) Acenaphthylene	14.388	152	28281	0.315	ng/ul	100
11) Acenaphthene	14.731	153	21564	0.311	ng/ul	98
12) Fluorene	15.711	166	23812	0.308	ng/ul	98
14) Pentachlorophenol	17.058	266	5499	0.454	ng/ul#	73
15) Phenanthrene	17.455	178	38531	0.309	ng/ul	99
16) Anthracene	17.544	178	33547	0.306	ng/ul	100
19) Fluoranthene	19.464	202	41180	0.343	ng/ul	99
20) Pyrene	19.826	202	41536	0.341	ng/ul	99
21) Benzo(a)anthracene	21.583	228	31000	0.314	ng/ul	100
22) Chrysene	21.638	228	33081	0.318	ng/ul	100
24) Benzo(b)fluoranthene	23.322	252	29370	0.334	ng/ul	96
25) Benzo(k)fluoranthene	23.371	252	28998	0.318	ng/ul	95
26) Benzo(a)pyrene	23.974	252	23609	0.312	ng/ul	91
27) Indeno(1,2,3-cd)pyrene	26.676	276	26200	0.308	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.699	278	19893	0.307	ng/ul	97
29) Benzo(g,h,i)perylene	27.481	276	23404	0.317	ng/ul	98

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

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