Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120723\
Data File : BN029124.D
Acq On : 08 Dec 2023 12:19
Operator : MA/JU
Sample : PB157548BS
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Dec 08 13:31:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 00:49:47 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
PB157548BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.992	152	1517	0.400	ng	0.22
7) Naphthalene-d8	10.797	136	2863	0.400	ng	0.23
13) Acenaphthene-d10	14.599	164	1638	0.400	ng	0.20
19) Phenanthrene-d10	17.345	188	3479	0.400	ng	0.20
29) Chrysene-d12	21.517	240	1733	0.400	ng	# 0.17
35) Perylene-d12	23.965	264	1696m	0.400	ng	0.30
System Monitoring Compounds						
4) 2-Fluorophenol	5.572	112	1317	0.384	ng	0.18
5) Phenol-d6	7.197	99	1469	0.358	ng	0.22
8) Nitrobenzene-d5	9.174	82	1468	0.425	ng	0.23
11) 2-Methylnaphthalene-d10	12.378	152	1942	0.323	ng	0.23
14) 2,4,6-Tribromophenol	16.091	330	489	0.270	ng	0.20
15) 2-Fluorobiphenyl	13.252	172	3898	0.460	ng	0.22
27) Fluoranthene-d10	19.362	212	3293	0.301	ng	0.18
31) Terphenyl-d14	19.966	244	2080	0.474	ng	0.17
Target Compounds						Qvalue
2) 1,4-Dioxane	3.434	88	248	0.203	ng	# 73
3) n-Nitrosodimethylamine	3.810	42	262	0.353	ng	# 75
6) bis(2-Chloroethyl)ether	7.443	93	1547	0.533	ng	# 83
9) Naphthalene	10.850	128	2931	0.328	ng	100
10) Hexachlorobutadiene	11.117	225	1181	0.300	ng	# 100
12) 2-Methylnaphthalene	12.454	142	2137	0.294	ng	99
16) Acenaphthylene	14.332	152	3593	0.398	ng	98
17) Acenaphthene	14.663	154	2112	0.373	ng	98
18) Fluorene	15.644	166	2756	0.305	ng	97
20) 4,6-Dinitro-2-methylph...	15.744	198	35	0.033	ng	# 1
21) 4-Bromophenyl-phenylether	16.538	248	1194	0.380	ng	# 83
22) Hexachlorobenzene	16.637	284	1256	0.351	ng	96
23) Atrazine	16.836	200	1005	0.362	ng	98
24) Pentachlorophenol	16.997	266	1213	0.619	ng	98
25) Phenanthrene	17.382	178	4171	0.359	ng	99
26) Anthracene	17.469	178	4079	0.363	ng	98
28) Fluoranthene	19.394	202	4658	0.292	ng	# 97
30) Pyrene	19.752	202	4469	0.416	ng	99
32) Benzo(a)anthracene	21.499	228	3299	0.375	ng	96
33) Chrysene	21.553	228	3102	0.359	ng	97
34) Bis(2-ethylhexyl)phtha...	21.436	149	2904	0.536	ng	92
36) Indeno(1,2,3-cd)pyrene	26.552	276	3579m	0.414	ng	
37) Benzo(b)fluoranthene	23.210	252	3252m	0.357	ng	
38) Benzo(k)fluoranthene	23.260	252	3068m	0.359	ng	
39) Benzo(a)pyrene	23.854	252	2762	0.367	ng	# 80
40) Dibenzo(a,h)anthracene	26.581	278	2803m	0.420	ng	
41) Benzo(g,h,i)perylene	27.350	276	2946	0.404	ng	# 86

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

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