Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120924\
Data File : BN035528.D
Acq On : 10 Dec 2024 11:21
Operator : RC/JU
Sample : PB165497BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 10 12:28:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 27 23:03:24 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
PB165497BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/11/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.300	152	1669	0.400	ng	0.00
7) Naphthalene-d8	10.041	136	4431	0.400	ng	-0.01
13) Acenaphthene-d10	13.956	164	3092	0.400	ng	-0.01
19) Phenanthrene-d10	16.723	188	7959	0.400	ng	#-0.01
29) Chrysene-d12	20.964	240	6696	0.400	ng	0.00
35) Perylene-d12	23.058	264	5945	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.960	112	1476	0.353	ng	0.00
5) Phenol-d6	6.506	99	1774	0.353	ng	0.00
8) Nitrobenzene-d5	8.429	82	1110m	0.410	ng	-0.01
11) 2-Methylnaphthalene-d10	11.646	152	3705	0.534	ng	-0.01
14) 2,4,6-Tribromophenol	15.474	330	487	0.222	ng	0.00
15) 2-Fluorobiphenyl	12.564	172	4718	0.404	ng	-0.01
27) Fluoranthene-d10	18.775	212	8501	0.377	ng	0.00
31) Terphenyl-d14	19.407	244	6284	0.476	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.988	88	576	0.361	ng	# 57
3) n-Nitrosodimethylamine	3.285	42	601	0.452	ng	# 88
6) bis(2-Chloroethyl)ether	6.744	93	1620	0.384	ng	98
9) Naphthalene	10.094	128	4529	0.388	ng	99
10) Hexachlorobutadiene	10.383	225	1103	0.409	ng	# 98
12) 2-Methylnaphthalene	11.722	142	3239	0.387	ng	99
16) Acenaphthylene	13.668	152	5188	0.400	ng	100
17) Acenaphthene	14.020	154	3398	0.394	ng	99
18) Fluorene	15.025	166	4774	0.387	ng	100
20) 4,6-Dinitro-2-methylph...	15.132	198	191	0.244	ng	# 51
21) 4-Bromophenyl-phenylether	15.928	248	1680	0.361	ng	# 84
22) Hexachlorobenzene	16.028	284	2050	0.375	ng	98
23) Atrazine	16.226	200	1210	0.365	ng	96
24) Pentachlorophenol	16.388	266	731	0.307	ng	# 85
25) Phenanthrene	16.760	178	8421	0.385	ng	100
26) Anthracene	16.859	178	7595	0.384	ng	99
28) Fluoranthene	18.807	202	10125	0.344	ng	99
30) Pyrene	19.174	202	10396	0.421	ng	100
32) Benzo(a)anthracene	20.946	228	8539	0.365	ng	100
33) Chrysene	21.000	228	9922	0.411	ng	100
34) Bis(2-ethylhexyl)phtha...	20.920	149	3709	0.401	ng	100
36) Indeno(1,2,3-cd)pyrene	25.105	276	8871	0.382	ng	96
37) Benzo(b)fluoranthene	22.444	252	11072	0.509	ng	99
38) Benzo(k)fluoranthene	22.488	252	9381	0.438	ng	98
39) Benzo(a)pyrene	22.971	252	7413	0.414	ng	95
40) Dibenzo(a,h)anthracene	25.116	278	6401	0.349	ng	96
41) Benzo(g,h,i)perylene	25.710	276	7301	0.381	ng	98

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

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