Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120924\
Data File : BN035520.D
Acq On : 09 Dec 2024 23:07
Operator : RC/JU
Sample : PB165497BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Dec 10 01:28:48 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	7.301	152	1422	0.400	ng	0.00
7) Naphthalene-d8	10.041	136	3870	0.400	ng	-0.01
13) Acenaphthene-d10	13.957	164	2791	0.400	ng	-0.01
19) Phenanthrene-d10	16.723	188	6993	0.400	ng	#-0.01
29) Chrysene-d12	20.965	240	6498	0.400	ng	# 0.00
35) Perylene-d12	23.065	264	5969	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.961	112	1515	0.426	ng	0.00
5) Phenol-d6	6.506	99	1846	0.431	ng	0.00
8) Nitrobenzene-d5	8.429	82	1183m	0.500	ng	-0.01
11) 2-Methylnaphthalene-d10	11.646	152	3660	0.604	ng	-0.01
14) 2,4,6-Tribromophenol	15.475	330	553	0.279	ng	0.00
15) 2-Fluorobiphenyl	12.564	172	4805	0.455	ng	-0.01
27) Fluoranthene-d10	18.775	212	8898	0.449	ng	0.00
31) Terphenyl-d14	19.407	244	7433	0.580	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.989	88	559	0.411	ng	# 67
3) n-Nitrosodimethylamine	3.285	42	543	0.480	ng	# 96
6) bis(2-Chloroethyl)ether	6.744	93	1567	0.436	ng	100
9) Naphthalene	10.095	128	4278	0.419	ng	97
10) Hexachlorobutadiene	10.383	225	1049	0.446	ng	# 99
12) 2-Methylnaphthalene	11.722	142	3145	0.430	ng	98
16) Acenaphthylene	13.668	152	5179	0.442	ng	100
17) Acenaphthene	14.021	154	3434	0.441	ng	99
18) Fluorene	15.026	166	4788	0.430	ng	100
20) 4,6-Dinitro-2-methylph...	15.133	198	208	0.302	ng	# 57
21) 4-Bromophenyl-phenylether	15.929	248	1697	0.415	ng	# 82
22) Hexachlorobenzene	16.028	284	1992	0.415	ng	99
23) Atrazine	16.227	200	1209	0.415	ng	96
24) Pentachlorophenol	16.388	266	1261	0.603	ng	87
25) Phenanthrene	16.760	178	8148	0.424	ng	100
26) Anthracene	16.860	178	7384	0.425	ng	99
28) Fluoranthene	18.808	202	10203	0.394	ng	99
30) Pyrene	19.175	202	10535	0.439	ng	99
32) Benzo(a)anthracene	20.956	228	9385	0.413	ng	99
33) Chrysene	21.001	228	10134	0.432	ng	100
34) Bis(2-ethylhexyl)phtha...	20.929	149	3684	0.410	ng	99
36) Indeno(1,2,3-cd)pyrene	25.102	276	9696	0.416	ng	97
37) Benzo(b)fluoranthene	22.448	252	10132	0.464	ng	98
38) Benzo(k)fluoranthene	22.489	252	10281	0.478	ng	98
39) Benzo(a)pyrene	22.974	252	8053	0.448	ng	96
40) Dibenzo(a,h)anthracene	25.123	278	7370	0.400	ng	97
41) Benzo(g,h,i)perylene	25.716	276	7867	0.409	ng	97

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

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