Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122624\
Data File : BN035853.D
Acq On : 26 Dec 2024 14:54
Operator : RC/JU
Sample : PB165724BSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB165724BSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/30/2024

Quant Time: Dec 27 00:41:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 19 23:06:19 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.257	152	2938	0.400	ng	-0.01
7) Naphthalene-d8	9.999	136	6908	0.400	ng	-0.02
13) Acenaphthene-d10	13.914	164	3870	0.400	ng	-0.02
19) Phenanthrene-d10	16.698	188	7401	0.400	ng	# 0.00
29) Chrysene-d12	20.947	240	5744	0.400	ng	# 0.00
35) Perylene-d12	23.024	264	6254	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	4.925	112	2679	0.364	ng	-0.01
5) Phenol-d6	6.470	99	2872	0.325	ng	-0.02
8) Nitrobenzene-d5	8.397	82	2354m	0.558	ng	-0.01
11) 2-Methylnaphthalene-d10	11.606	152	5721	0.529	ng	-0.02
14) 2,4,6-Tribromophenol	15.443	330	445	0.162	ng	-0.01
15) 2-Fluorobiphenyl	12.528	172	6817	0.466	ng	-0.02
27) Fluoranthene-d10	18.748	212	8300	0.396	ng	-0.01
31) Terphenyl-d14	19.379	244	5786	0.511	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.974	88	1269	0.452	ng	# 81
3) n-Nitrosodimethylamine	3.263	42	1206	0.516	ng	# 93
6) bis(2-Chloroethyl)ether	6.716	93	3004	0.404	ng	99
9) Naphthalene	10.052	128	8072	0.443	ng	99
10) Hexachlorobutadiene	10.340	225	1977	0.470	ng	# 98
12) 2-Methylnaphthalene	11.682	142	5041	0.386	ng	99
16) Acenaphthylene	13.625	152	7205	0.443	ng	99
17) Acenaphthene	13.978	154	4687	0.434	ng	100
18) Fluorene	14.983	166	5947	0.385	ng	99
20) 4,6-Dinitro-2-methylph...	15.122	198	403	0.554	ng	# 71
21) 4-Bromophenyl-phenylether	15.904	248	1824	0.421	ng	# 94
22) Hexachlorobenzene	15.991	284	2652	0.522	ng	96
23) Atrazine	16.202	200	1370	0.445	ng	95
24) Pentachlorophenol	16.363	266	985	0.445	ng	88
25) Phenanthrene	16.736	178	8677	0.427	ng	100
26) Anthracene	16.835	178	7654	0.416	ng	99
28) Fluoranthene	18.780	202	9853	0.360	ng	99
30) Pyrene	19.147	202	10152	0.479	ng	100
32) Benzo(a)anthracene	20.929	228	7921	0.394	ng	99
33) Chrysene	20.983	228	10214	0.493	ng	99
34) Bis(2-ethylhexyl)phtha...	20.893	149	3576	0.451	ng	99
36) Indeno(1,2,3-cd)pyrene	25.047	276	12472	0.510	ng	100
37) Benzo(b)fluoranthene	22.416	252	13352	0.584	ng	# 93
38) Benzo(k)fluoranthene	22.456	252	10641	0.473	ng	# 93
39) Benzo(a)pyrene	22.939	252	9066	0.481	ng	# 88
40) Dibenzo(a,h)anthracene	25.070	278	9318	0.483	ng	93
41) Benzo(g,h,i)perylene	25.652	276	10352	0.513	ng	97

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

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