Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
Data File : BN035839.D
Acq On : 25 Dec 2024 02:51
Operator : RC/JU
Sample : PB165723BS
Misc :
ALS Vial : 90 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB165723BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024

Quant Time: Dec 25 03:24:45 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	3415	0.400	ng	-0.01
7) Naphthalene-d8	9.999	136	8103	0.400	ng	-0.02
13) Acenaphthene-d10	13.914	164	4491	0.400	ng	-0.02
19) Phenanthrene-d10	16.698	188	9008	0.400	ng	# 0.00
29) Chrysene-d12	20.947	240	7627	0.400	ng	# 0.00
35) Perylene-d12	23.027	264	7317	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	4.932	112	3057	0.358	ng	0.00
5) Phenol-d6	6.470	99	3258	0.317	ng	-0.02
8) Nitrobenzene-d5	8.397	82	2694m	0.544	ng	-0.01
11) 2-Methylnaphthalene-d10	11.606	152	7025	0.554	ng	-0.02
14) 2,4,6-Tribromophenol	15.443	330	624	0.196	ng	-0.01
15) 2-Fluorobiphenyl	12.529	172	8175	0.482	ng	-0.02
27) Fluoranthene-d10	18.752	212	11058	0.433	ng	0.00
31) Terphenyl-d14	19.384	244	7682	0.511	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.975	88	1428	0.437	ng	# 68
3) n-Nitrosodimethylamine	3.263	42	1307	0.481	ng	# 94
6) bis(2-Chloroethyl)ether	6.716	93	3342	0.387	ng	98
9) Naphthalene	10.052	128	9002	0.421	ng	100
10) Hexachlorobutadiene	10.340	225	2327	0.472	ng	# 98
12) 2-Methylnaphthalene	11.682	142	5614	0.367	ng	98
16) Acenaphthylene	13.625	152	8193	0.434	ng	100
17) Acenaphthene	13.978	154	5345	0.427	ng	100
18) Fluorene	14.994	166	6864	0.383	ng	99
20) 4,6-Dinitro-2-methylph...	15.122	198	287	0.324	ng	# 22
21) 4-Bromophenyl-phenylether	15.904	248	2343	0.445	ng	# 94
22) Hexachlorobenzene	15.991	284	3072	0.497	ng	98
23) Atrazine	16.202	200	1499	0.400	ng	95
24) Pentachlorophenol	16.363	266	1396	0.519	ng	# 83
25) Phenanthrene	16.736	178	10474	0.423	ng	100
26) Anthracene	16.835	178	9461	0.423	ng	99
28) Fluoranthene	18.780	202	12874	0.386	ng	99
30) Pyrene	19.147	202	13265	0.471	ng	99
32) Benzo(a)anthracene	20.929	228	10164	0.381	ng	100
33) Chrysene	20.983	228	13781	0.501	ng	99
34) Bis(2-ethylhexyl)phtha...	20.893	149	4386	0.416	ng	100
36) Indeno(1,2,3-cd)pyrene	25.053	276	11767	0.411	ng	96
37) Benzo(b)fluoranthene	22.416	252	16215	0.606	ng	96
38) Benzo(k)fluoranthene	22.456	252	13817	0.524	ng	96
39) Benzo(a)pyrene	22.939	252	10851	0.492	ng	# 92
40) Dibenzo(a,h)anthracene	25.070	278	8199	0.363	ng	# 91
41) Benzo(g,h,i)perylene	25.655	276	10316	0.437	ng	98

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

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