Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122023\
Data File : BN029140.D
Acq On : 20 Dec 2023 18:25
Operator : MA/JU
Sample : PB157235BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB157235BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

Quant Time: Dec 21 01:09:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 20 18:03:30 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.789	152	780	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	1388	0.400	ng	#-0.01
13) Acenaphthene-d10	14.425	164	657	0.400	ng	0.00
19) Phenanthrene-d10	17.181	188	1151	0.400	ng	# 0.00
29) Chrysene-d12	21.384	240	590	0.400	ng	0.00
35) Perylene-d12	23.706	264	707	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.413	112	641	0.343	ng	0.00
5) Phenol-d6	7.002	99	662	0.323	ng	0.00
8) Nitrobenzene-d5	8.961	82	709	0.392	ng	0.00
11) 2-Methylnaphthalene-d10	12.170	152	899	0.427	ng	0.00
14) 2,4,6-Tribromophenol	15.927	330	165	0.287	ng	0.00
15) 2-Fluorobiphenyl	13.057	172	1472	0.384	ng	0.00
27) Fluoranthene-d10	19.220	212	963	0.346	ng	0.00
31) Terphenyl-d14	19.828	244	678	0.418	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.348	88	167	0.227	ng	# 84
3) n-Nitrosodimethylamine	3.709	42	175	0.347	ng	# 94
6) bis(2-Chloroethyl)ether	7.248	93	529	0.332	ng	100
9) Naphthalene	10.626	128	1505	0.333	ng	99
10) Hexachlorobutadiene	10.893	225	468	0.314	ng	# 98
12) 2-Methylnaphthalene	12.246	142	967	0.327	ng	93
16) Acenaphthylene	14.147	152	1629	0.352	ng	99
17) Acenaphthene	14.490	154	891	0.321	ng	100
18) Fluorene	15.484	166	1232	0.329	ng	98
20) 4,6-Dinitro-2-methylph...	15.580	198	150	0.336	ng	88
21) 4-Bromophenyl-phenylether	16.374	248	366	0.307	ng	# 76
22) Hexachlorobenzene	16.473	284	432	0.312	ng	98
23) Atrazine	16.672	200	341	0.342	ng	97
24) Pentachlorophenol	16.833	266	378	0.460	ng	93
25) Phenanthrene	17.218	178	1590	0.335	ng	99
26) Anthracene	17.317	178	1581	0.344	ng	# 95
28) Fluoranthene	19.248	202	1573	0.320	ng	99
30) Pyrene	19.615	202	1549	0.333	ng	99
32) Benzo(a)anthracene	21.366	228	1133	0.349	ng	99
33) Chrysene	21.420	228	1144	0.357	ng	99
34) Bis(2-ethylhexyl)phtha...	21.313	149	1429	0.355	ng	# 96
36) Indeno(1,2,3-cd)pyrene	26.080	276	1620	0.356	ng	# 82
37) Benzo(b)fluoranthene	22.999	252	1286	0.358	ng	99
38) Benzo(k)fluoranthene	23.049	252	1262	0.358	ng	98
39) Benzo(a)pyrene	23.601	252	1194m	0.372	ng	
40) Dibenzo(a,h)anthracene	26.107	278	1294m	0.369	ng	
41) Benzo(g,h,i)perylene	26.814	276	1352	0.351	ng	96

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

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