Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122123\
Data File : BN029172.D
Acq On : 22 Dec 2023 04:41
Operator : MA/JU
Sample : PB157235BS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB157235BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023

Quant Time: Dec 22 05:11:44 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	901	0.400	ng		0.00
7) Naphthalene-d8	10.573	136	1781	0.400	ng		-0.01
13) Acenaphthene-d10	14.426	164	941	0.400	ng		0.00
19) Phenanthrene-d10	17.181	188	1473	0.400	ng		0.00
29) Chrysene-d12	21.394	240	550	0.400	ng		0.00
35) Perylene-d12	23.712	264	776	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.399	112	387	0.179	ng		0.00
5) Phenol-d6	7.002	99	508	0.214	ng		0.00
8) Nitrobenzene-d5	8.971	82	327	0.141	ng		0.01
11) 2-Methylnaphthalene-d10	12.174	152	799	0.296	ng		0.00
14) 2,4,6-Tribromophenol	15.927	330	276	0.336	ng		0.00
15) 2-Fluorobiphenyl	13.057	172	1444	0.263	ng		0.00
27) Fluoranthene-d10	19.220	212	1077	0.302	ng		0.00
31) Terphenyl-d14	19.833	244	654	0.433	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.348	88	75	0.088	ng	#	38
3) n-Nitrosodimethylamine	3.716	42	33	0.057	ng	#	25
6) bis(2-Chloroethyl)ether	7.241	93	134	0.073	ng		94
9) Naphthalene	10.626	128	560	0.097	ng	#	79
10) Hexachlorobutadiene	10.893	225	145	0.076	ng	#	99
12) 2-Methylnaphthalene	12.250	142	592	0.156	ng		95
16) Acenaphthylene	14.148	152	1558	0.235	ng		98
17) Acenaphthene	14.490	154	892	0.224	ng		93
18) Fluorene	15.484	166	1304	0.243	ng		100
20) 4,6-Dinitro-2-methylph...	15.592	198	94	0.197	ng	#	90
21) 4-Bromophenyl-phenylether	16.387	248	374	0.246	ng		93
22) Hexachlorobenzene	16.474	284	467	0.263	ng		98
23) Atrazine	16.685	200	404	0.316	ng		98
24) Pentachlorophenol	16.833	266	491	0.467	ng		93
25) Phenanthrene	17.218	178	1771	0.291	ng		96
26) Anthracene	17.318	178	1733	0.295	ng		98
28) Fluoranthene	19.252	202	1590	0.253	ng		99
30) Pyrene	19.619	202	1550	0.358	ng		99
32) Benzo(a)anthracene	21.376	228	1058	0.350	ng		99
33) Chrysene	21.429	228	1072	0.358	ng		99
34) Bis(2-ethylhexyl)phtha...	21.313	149	1226	0.320	ng	#	99
36) Indeno(1,2,3-cd)pyrene	26.089	276	1904	0.381	ng	#	81
37) Benzo(b)fluoranthene	23.008	252	1305	0.331	ng		99
38) Benzo(k)fluoranthene	23.055	252	1263	0.327	ng		97
39) Benzo(a)pyrene	23.610	252	1261	0.358	ng		98
40) Dibenzo(a,h)anthracene	26.122	278	1424m	0.370	ng		
41) Benzo(g,h,i)perylene	26.817	276	1587	0.375	ng		98

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

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