Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN113023\
Data File : BN028935.D
Acq On : 01 Dec 2023 06:32
Operator : MA/JU
Sample : PB157079BS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB157079BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

Quant Time: Dec 01 07:01:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 00:28:34 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	4467	0.400	ng	0.00
7) Naphthalene-d8	10.594	136	12091	0.400	ng	0.00
13) Acenaphthene-d10	14.428	164	5255	0.400	ng	0.00
19) Phenanthrene-d10	17.184	188	9308	0.400	ng	0.00
29) Chrysene-d12	21.383	240	5404	0.400	ng	# 0.00
35) Perylene-d12	23.722	264	4716	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	5275	0.390	ng	-0.01
5) Phenol-d6	7.031	99	5909	0.394	ng	-0.01
8) Nitrobenzene-d5	8.982	82	3854	0.321	ng	0.00
11) 2-Methylnaphthalene-d10	12.178	152	11002	0.567	ng	0.00
14) 2,4,6-Tribromophenol	15.930	330	978	0.275	ng	0.00
15) 2-Fluorobiphenyl	13.060	172	7771	0.342	ng	-0.01
27) Fluoranthene-d10	19.218	212	7049	0.288	ng	0.00
31) Terphenyl-d14	19.826	244	4846	0.346	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.362	88	1277	0.292	ng	# 66
3) n-Nitrosodimethylamine	3.759	42	12915	1.972	ng	# 14
6) bis(2-Chloroethyl)ether	7.262	93	4969	0.394	ng	99
9) Naphthalene	10.648	128	12868	0.335	ng	100
10) Hexachlorobutadiene	10.915	225	2427	0.309	ng	# 99
12) 2-Methylnaphthalene	12.257	142	8257	0.342	ng	99
16) Acenaphthylene	14.150	152	46439	1.668	ng	98
17) Acenaphthene	14.492	154	10836	0.586	ng	98
18) Fluorene	15.487	166	12471	0.533	ng	85
20) 4,6-Dinitro-2-methylph...	15.583	198	162	0.079	ng	# 1
21) 4-Bromophenyl-phenylether	16.377	248	2184	0.341	ng	# 75
22) Hexachlorobenzene	16.476	284	2451	0.312	ng	96
23) Atrazine	16.675	200	971m	0.173	ng	
24) Pentachlorophenol	16.836	266	2594	0.709	ng	98
25) Phenanthrene	17.221	178	12700	0.413	ng	94
26) Anthracene	17.320	178	11189	0.394	ng	99
28) Fluoranthene	19.250	202	11603	0.363	ng	98
30) Pyrene	19.613	202	14275	0.439	ng	# 89
32) Benzo(a)anthracene	21.365	228	9880	0.430	ng	# 18
33) Chrysene	21.418	228	8287	0.367	ng	# 58
34) Bis(2-ethylhexyl)phtha...	21.302	149	8550	0.154	ng	# 91
36) Indeno(1,2,3-cd)pyrene	26.134	276	7639	0.372	ng	# 91
37) Benzo(b)fluoranthene	23.012	252	7773	0.403	ng	# 50
38) Benzo(k)fluoranthene	23.059	252	6704	0.368	ng	# 49
39) Benzo(a)pyrene	23.620	252	6891	0.400	ng	# 42
40) Dibenzo(a,h)anthracene	26.155	278	6257	0.393	ng	# 44
41) Benzo(g,h,i)perylene	26.871	276	6857	0.383	ng	# 80

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

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