Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040824\
Data File : BN030782.D
Acq On : 08 Apr 2024 23:15
Operator : MA/JU
Sample : PB160073BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB160073BSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024

Quant Time: Apr 09 04:28:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN033024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 30 00:04:36 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.682	152	5629	0.400	ng	-0.02
7) Naphthalene-d8	10.464	136	17522	0.400	ng	-0.02
13) Acenaphthene-d10	14.327	164	11162	0.400	ng	-0.01
19) Phenanthrene-d10	17.065	188	28257	0.400	ng	#-0.02
29) Chrysene-d12	21.267	240	25496	0.400	ng	-0.02
35) Perylene-d12	23.501	264	21394	0.400	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.284	112	5651	0.461	ng	-0.01
5) Phenol-d6	6.859	99	6303	0.400	ng	-0.01
8) Nitrobenzene-d5	8.830	82	3977	0.323	ng	-0.02
11) 2-Methylnaphthalene-d10	12.058	152	10088	0.376	ng	-0.02
14) 2,4,6-Tribromophenol	15.824	330	1765	0.419	ng	-0.01
15) 2-Fluorobiphenyl	12.948	172	13417	0.311	ng	-0.02
27) Fluoranthene-d10	19.107	212	24842	0.326	ng	-0.02
31) Terphenyl-d14	19.711	244	20734	0.352	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.219	88	2188	0.322	ng	# 39
3) n-Nitrosodimethylamine	3.529	42	1806	0.275	ng	89
6) bis(2-Chloroethyl)ether	7.119	93	5161	0.332	ng	96
9) Naphthalene	10.517	128	15606	0.321	ng	99
10) Hexachlorobutadiene	10.795	225	2996	0.302	ng	# 98
12) 2-Methylnaphthalene	12.134	142	10438	0.327	ng	98
16) Acenaphthylene	14.038	152	15189	0.300	ng	99
17) Acenaphthene	14.380	154	10675	0.305	ng	98
18) Fluorene	15.375	166	14761	0.324	ng	100
20) 4,6-Dinitro-2-methylph...	15.460	198	765	0.348	ng	# 88
21) 4-Bromophenyl-phenylether	16.271	248	4785	0.280	ng	# 78
22) Hexachlorobenzene	16.370	284	5995	0.294	ng	99
23) Atrazine	16.556	200	3244	0.261	ng	97
24) Pentachlorophenol	16.718	266	1705	0.374	ng	97
25) Phenanthrene	17.115	178	26793	0.320	ng	98
26) Anthracene	17.202	178	21132	0.301	ng	99
28) Fluoranthene	19.135	202	31160	0.313	ng	100
30) Pyrene	19.502	202	34218	0.343	ng	100
32) Benzo(a)anthracene	21.249	228	28054	0.311	ng	100
33) Chrysene	21.303	228	29128	0.301	ng	99
34) Bis(2-ethylhexyl)phtha...	21.187	149	13961	0.356	ng	100
36) Indeno(1,2,3-cd)pyrene	25.761	276	24254	0.256	ng	99
37) Benzo(b)fluoranthene	22.829	252	28785m	0.331	ng	
38) Benzo(k)fluoranthene	22.875	252	27166	0.311	ng	97
39) Benzo(a)pyrene	23.404	252	22397	0.321	ng	# 91
40) Dibenzo(a,h)anthracene	25.781	278	18876	0.251	ng	98
41) Benzo(g,h,i)perylene	26.448	276	20855	0.258	ng	100

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

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