Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090624\
Data File : BN033795.D
Acq On : 06 Sep 2024 23:28
Operator : MA/JU
Sample : PB163168BSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB163168BSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024

Quant Time: Sep 07 01:39:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 04 18:36:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.516	152	4192	0.400	ng	0.00
7) Naphthalene-d8	10.271	136	10611	0.400	ng	# 0.00
13) Acenaphthene-d10	14.146	164	4864	0.400	ng	-0.01
19) Phenanthrene-d10	16.904	188	9298	0.400	ng	0.00
29) Chrysene-d12	21.112	240	7105	0.400	ng	0.00
35) Perylene-d12	23.268	264	7055	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.154	112	3916	0.305	ng	0.00
5) Phenol-d6	6.707	99	4513	0.297	ng	0.00
8) Nitrobenzene-d5	8.649	82	3412	0.378	ng	0.00
11) 2-Methylnaphthalene-d10	11.865	152	6615	0.441	ng	0.00
14) 2,4,6-Tribromophenol	15.651	330	676	0.275	ng	0.00
15) 2-Fluorobiphenyl	12.767	172	8092	0.399	ng	0.00
27) Fluoranthene-d10	18.942	212	8509	0.371	ng	0.00
31) Terphenyl-d14	19.560	244	5871	0.388	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.168	88	1508	0.316	ng	# 32
3) n-Nitrosodimethylamine	3.457	42	2448	0.437	ng	# 84
6) bis(2-Chloroethyl)ether	6.953	93	4424	0.386	ng	97
9) Naphthalene	10.314	128	11041	0.390	ng	98
10) Hexachlorobutadiene	10.613	225	2349	0.398	ng	# 99
12) 2-Methylnaphthalene	11.941	142	6870	0.395	ng	98
16) Acenaphthylene	13.868	152	8398	0.399	ng	100
17) Acenaphthene	14.210	154	5856	0.406	ng	99
18) Fluorene	15.204	166	6960	0.392	ng	100
20) 4,6-Dinitro-2-methylph...	15.290	198	553	0.377	ng	# 71
21) 4-Bromophenyl-phenylether	16.110	248	2106	0.391	ng	91
22) Hexachlorobenzene	16.209	284	2366	0.383	ng	93
23) Atrazine	16.383	200	1614	0.375	ng	# 89
24) Pentachlorophenol	16.557	266	1484	0.588	ng	98
25) Phenanthrene	16.942	178	10380	0.405	ng	100
26) Anthracene	17.028	178	8927	0.401	ng	100
28) Fluoranthene	18.975	202	10818	0.377	ng	99
30) Pyrene	19.337	202	11217	0.392	ng	100
32) Benzo(a)anthracene	21.094	228	9932	0.392	ng	98
33) Chrysene	21.148	228	10530	0.420	ng	99
34) Bis(2-ethylhexyl)phtha...	21.059	149	5110	0.369	ng	100
36) Indeno(1,2,3-cd)pyrene	25.396	276	12739	0.437	ng	97
37) Benzo(b)fluoranthene	22.630	252	10329	0.398	ng	98
38) Benzo(k)fluoranthene	22.671	252	10980m	0.434	ng	
39) Benzo(a)pyrene	23.174	252	9300	0.429	ng	97
40) Dibenzo(a,h)anthracene	25.414	278	10073	0.431	ng	99
41) Benzo(g,h,i)perylene	26.045	276	10064	0.397	ng	99

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

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