Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090924\
Data File : BN033813.D
Acq On : 09 Sep 2024 11:48
Operator : MA/JU
Sample : PB163188BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB163188BS

Quant Time: Sep 10 03:14:55 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	7.509	152	4669	0.400	ng	0.00
7) Naphthalene-d8	10.272	136	12036	0.400	ng	# 0.00
13) Acenaphthene-d10	14.146	164	5355	0.400	ng	-0.01
19) Phenanthrene-d10	16.892	188	10498	0.400	ng	#-0.01
29) Chrysene-d12	21.113	240	8529	0.400	ng	# 0.00
35) Perylene-d12	23.265	264	8221	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.154	112	4578	0.320	ng	0.00
5) Phenol-d6	6.700	99	5263	0.311	ng	0.00
8) Nitrobenzene-d5	8.649	82	4024	0.393	ng	0.00
11) 2-Methylnaphthalene-d10	11.866	152	7861	0.462	ng	0.00
14) 2,4,6-Tribromophenol	15.651	330	821	0.304	ng	0.00
15) 2-Fluorobiphenyl	12.767	172	9330	0.418	ng	0.00
27) Fluoranthene-d10	18.942	212	10294	0.397	ng	0.00
31) Terphenyl-d14	19.556	244	7180	0.395	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.168	88	1856	0.349	ng	# 41
3) n-Nitrosodimethylamine	3.457	42	2807	0.450	ng	# 87
6) bis(2-Chloroethyl)ether	6.953	93	5299	0.415	ng	98
9) Naphthalene	10.314	128	13141	0.409	ng	99
10) Hexachlorobutadiene	10.613	225	2717	0.406	ng	# 99
12) 2-Methylnaphthalene	11.941	142	8091	0.411	ng	99
16) Acenaphthylene	13.857	152	10104	0.437	ng	100
17) Acenaphthene	14.210	154	6938	0.437	ng	100
18) Fluorene	15.204	166	8334	0.426	ng	100
20) 4,6-Dinitro-2-methylph...	15.290	198	643	0.388	ng	# 62
21) 4-Bromophenyl-phenylether	16.098	248	2521	0.415	ng	# 78
22) Hexachlorobenzene	16.209	284	2929	0.420	ng	97
23) Atrazine	16.383	200	1962	0.404	ng	# 92
24) Pentachlorophenol	16.557	266	2010	0.705	ng	99
25) Phenanthrene	16.942	178	12522	0.433	ng	100
26) Anthracene	17.029	178	10940	0.435	ng	100
28) Fluoranthene	18.970	202	13357	0.412	ng	99
30) Pyrene	19.337	202	13727	0.399	ng	99
32) Benzo(a)anthracene	21.095	228	12207	0.401	ng	98
33) Chrysene	21.148	228	13046	0.433	ng	98
34) Bis(2-ethylhexyl)phtha...	21.059	149	6125	0.369	ng	99
36) Indeno(1,2,3-cd)pyrene	25.393	276	14949	0.440	ng	97
37) Benzo(b)fluoranthene	22.627	252	13005	0.430	ng	96
38) Benzo(k)fluoranthene	22.668	252	13316	0.452	ng	96
39) Benzo(a)pyrene	23.171	252	11552	0.457	ng	# 94
40) Dibenzo(a,h)anthracene	25.411	278	11749	0.431	ng	97
41) Benzo(g,h,i)perylene	26.039	276	12249	0.415	ng	97

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

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