Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090624\
Data File : BN033802.D
Acq On : 07 Sep 2024 03:42
Operator : MA/JU
Sample : PB163149BSD
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB163149BSD

Quant Time: Sep 07 04:43:43 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	4368	0.400	ng	0.00
7) Naphthalene-d8	10.271	136	11230	0.400	ng	# 0.00
13) Acenaphthene-d10	14.146	164	5068	0.400	ng	-0.01
19) Phenanthrene-d10	16.904	188	9664	0.400	ng	# 0.00
29) Chrysene-d12	21.112	240	7246	0.400	ng	# 0.00
35) Perylene-d12	23.262	264	7548	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.154	112	4178	0.312	ng	0.00
5) Phenol-d6	6.707	99	4783	0.302	ng	0.00
8) Nitrobenzene-d5	8.649	82	3654	0.382	ng	0.00
11) 2-Methylnaphthalene-d10	11.865	152	7705	0.485	ng	0.00
14) 2,4,6-Tribromophenol	15.651	330	750	0.293	ng	0.00
15) 2-Fluorobiphenyl	12.767	172	8528	0.404	ng	0.00
27) Fluoranthene-d10	18.942	212	8989	0.377	ng	0.00
31) Terphenyl-d14	19.555	244	6299	0.408	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.168	88	1561	0.314	ng	# 41
3) n-Nitrosodimethylamine	3.457	42	2499	0.428	ng	# 86
6) bis(2-Chloroethyl)ether	6.953	93	4664	0.390	ng	99
9) Naphthalene	10.314	128	11651	0.388	ng	99
10) Hexachlorobutadiene	10.613	225	2453	0.393	ng	# 100
12) 2-Methylnaphthalene	11.941	142	7240	0.394	ng	97
16) Acenaphthylene	13.857	152	8885	0.406	ng	100
17) Acenaphthene	14.210	154	6165	0.410	ng	99
18) Fluorene	15.204	166	7355	0.397	ng	100
20) 4,6-Dinitro-2-methylph...	15.290	198	616	0.404	ng	# 71
21) 4-Bromophenyl-phenylether	16.110	248	2201	0.393	ng	# 91
22) Hexachlorobenzene	16.209	284	2563	0.399	ng	95
23) Atrazine	16.383	200	1726	0.386	ng	# 91
24) Pentachlorophenol	16.557	266	1535	0.585	ng	98
25) Phenanthrene	16.942	178	10980	0.412	ng	99
26) Anthracene	17.028	178	9414	0.407	ng	99
28) Fluoranthene	18.970	202	11479	0.385	ng	99
30) Pyrene	19.337	202	11880	0.407	ng	100
32) Benzo(a)anthracene	21.094	228	10396	0.402	ng	98
33) Chrysene	21.148	228	11039	0.431	ng	98
34) Bis(2-ethylhexyl)phtha...	21.050	149	5430	0.385	ng	100
36) Indeno(1,2,3-cd)pyrene	25.396	276	13703	0.439	ng	97
37) Benzo(b)fluoranthene	22.624	252	11128	0.401	ng	98
38) Benzo(k)fluoranthene	22.668	252	11623m	0.430	ng	
39) Benzo(a)pyrene	23.171	252	10046	0.433	ng	97
40) Dibenzo(a,h)anthracene	25.408	278	10791	0.432	ng	99
41) Benzo(g,h,i)perylene	26.045	276	10828	0.399	ng	98

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

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