Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081924\
Data File : BN033494.D
Acq On : 20 Aug 2024 07:44
Operator : MA/JU
Sample : PB162787BSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB162787BSD

Quant Time: Aug 20 09:06:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 23:32:18 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	6965	0.400	ng	0.00
7) Naphthalene-d8	10.314	136	17427	0.400	ng	0.00
13) Acenaphthene-d10	14.189	164	7934	0.400	ng	0.00
19) Phenanthrene-d10	16.942	188	14715	0.400	ng	0.00
29) Chrysene-d12	21.148	240	9170	0.400	ng	0.00
35) Perylene-d12	23.317	264	9473	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.183	112	6074	0.274	ng	0.00
5) Phenol-d6	6.736	99	6991	0.265	ng	0.00
8) Nitrobenzene-d5	8.681	82	5033	0.348	ng	-0.01
11) 2-Methylnaphthalene-d10	11.911	152	10912	0.438	ng	0.00
14) 2,4,6-Tribromophenol	15.688	330	986	0.231	ng	0.00
15) 2-Fluorobiphenyl	12.810	172	12283	0.379	ng	0.00
27) Fluoranthene-d10	18.980	212	11658	0.330	ng	0.00
31) Terphenyl-d14	19.593	244	7758	0.372	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.190	88	2487	0.310	ng	# 53
3) n-Nitrosodimethylamine	3.479	42	3544	0.380	ng	87
6) bis(2-Chloroethyl)ether	6.989	93	7177	0.384	ng	97
9) Naphthalene	10.357	128	17789	0.382	ng	100
10) Hexachlorobutadiene	10.667	225	3506	0.377	ng	# 98
12) 2-Methylnaphthalene	11.986	142	10840	0.368	ng	99
16) Acenaphthylene	13.900	152	12952	0.372	ng	99
17) Acenaphthene	14.253	154	9305	0.380	ng	98
18) Fluorene	15.247	166	10905	0.353	ng	100
20) 4,6-Dinitro-2-methylph...	15.322	198	686	0.299	ng	99
21) 4-Bromophenyl-phenylether	16.147	248	3332	0.373	ng	94
22) Hexachlorobenzene	16.247	284	3822	0.387	ng	98
23) Atrazine	16.420	200	2291	0.321	ng	98
24) Pentachlorophenol	16.594	266	2566	0.600	ng	97
25) Phenanthrene	16.979	178	16075	0.393	ng	100
26) Anthracene	17.066	178	13581	0.375	ng	99
28) Fluoranthene	19.007	202	15723	0.348	ng	99
30) Pyrene	19.374	202	15909	0.389	ng	100
32) Benzo(a)anthracene	21.130	228	13755	0.415	ng	99
33) Chrysene	21.184	228	15055	0.457	ng	100
34) Bis(2-ethylhexyl)phtha...	21.095	149	6291	0.300	ng	98
36) Indeno(1,2,3-cd)pyrene	25.472	276	19303	0.491	ng	100
37) Benzo(b)fluoranthene	22.671	252	15472	0.437	ng	98
38) Benzo(k)fluoranthene	22.715	252	14961	0.430	ng	98
39) Benzo(a)pyrene	23.224	252	13321	0.455	ng	98
40) Dibenzo(a,h)anthracene	25.490	278	15187	0.483	ng	97
41) Benzo(g,h,i)perylene	26.121	276	15696	0.467	ng	100

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

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