Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042823\
Data File : BN025190.D
Acq On : 28 Apr 2023 14:20
Operator : CG/JU
Sample : PB152446BSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB152446BSD

Quant Time: Apr 28 15:09:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN040523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 28 15:09:05 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.918	152	7808	0.400	ng		0.00
7) Naphthalene-d8	10.718	136	26290	0.400	ng		# 0.00
13) Acenaphthene-d10	14.555	164	15014	0.400	ng		0.00
19) Phenanthrene-d10	17.311	188	31644	0.400	ng		# 0.01
29) Chrysene-d12	21.500	240	21221	0.400	ng		# 0.00
35) Perylene-d12	23.945	264	18899	0.400	ng		0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.470	112	8697	0.482	ng		0.00
5) Phenol-d6	7.080	99	11658	0.513	ng		0.00
8) Nitrobenzene-d5	9.084	82	9364	0.442	ng		0.01
11) 2-Methylnaphthalene-d10	12.313	152	16079	0.462	ng		0.00
14) 2,4,6-Tribromophenol	16.057	330	2985	0.442	ng		0.01
15) 2-Fluorobiphenyl	13.187	172	26034	0.454	ng		0.01
27) Fluoranthene-d10	19.338	212	30523	0.425	ng		0.00
31) Terphenyl-d14	19.932	244	25977	0.540	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.332	88	3619	0.422	ng		99
3) n-Nitrosodimethylamine	3.664	42	6189	0.425	ng		99
6) bis(2-Chloroethyl)ether	7.340	93	10186	0.442	ng		98
9) Naphthalene	10.771	128	30677	0.453	ng		99
10) Hexachlorobutadiene	11.059	225	5886	0.456	ng	#	99
12) 2-Methylnaphthalene	12.385	142	21302	0.452	ng		99
16) Acenaphthylene	14.277	152	29882	0.473	ng		100
17) Acenaphthene	14.619	154	19485	0.456	ng		99
18) Fluorene	15.603	166	25369	0.433	ng		98
20) 4,6-Dinitro-2-methylph...	15.699	198	426	0.247	ng	#	48
21) 4-Bromophenyl-phenylether	16.492	248	8309	0.446	ng	#	90
22) Hexachlorobenzene	16.616	284	9484	0.449	ng		99
23) Atrazine	16.765	200	5505	0.433	ng		98
24) Pentachlorophenol	16.963	266	2677	0.511	ng		92
25) Phenanthrene	17.348	178	39589	0.431	ng		100
26) Anthracene	17.435	178	35087	0.438	ng		100
28) Fluoranthene	19.368	202	42504	0.408	ng		99
30) Pyrene	19.734	202	43150	0.572	ng		100
32) Benzo(a)anthracene	21.491	228	33700	0.470	ng		100
33) Chrysene	21.544	228	33905	0.451	ng		100
34) Bis(2-ethylhexyl)phtha...	21.410	149	20832	0.540	ng		100
36) Indeno(1,2,3-cd)pyrene	26.477	276	31751	0.383	ng		99
37) Benzo(b)fluoranthene	23.200	252	29544	0.412	ng		97
38) Benzo(k)fluoranthene	23.252	252	29196	0.411	ng		100
39) Benzo(a)pyrene	23.828	252	27587	0.402	ng	#	92
40) Dibenzo(a,h)anthracene	26.489	278	25265	0.387	ng		98
41) Benzo(g,h,i)perylene	27.249	276	27201	0.385	ng		99

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

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