Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042823\
Data File : BN025189.D
Acq On : 28 Apr 2023 13:44
Operator : CG/JU
Sample : PB152446BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB152446BS

Quant Time: Apr 28 14:37:34 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 14:37:07 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.918	152	7991	0.400	ng		0.00
7) Naphthalene-d8	10.718	136	25848	0.400	ng	#	0.00
13) Acenaphthene-d10	14.555	164	15028	0.400	ng		0.00
19) Phenanthrene-d10	17.298	188	30358	0.400	ng		0.00
29) Chrysene-d12	21.504	240	21309	0.400	ng		0.00
35) Perylene-d12	23.929	264	19092	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.470	112	8713	0.472	ng		0.00
5) Phenol-d6	7.081	99	11065	0.475	ng		0.00
8) Nitrobenzene-d5	9.084	82	9503	0.456	ng		0.01
11) 2-Methylnaphthalene-d10	12.313	152	16072	0.470	ng		0.00
14) 2,4,6-Tribromophenol	16.057	330	3029	0.448	ng		0.01
15) 2-Fluorobiphenyl	13.176	172	25907	0.451	ng		0.00
27) Fluoranthene-d10	19.338	212	29925	0.435	ng		0.00
31) Terphenyl-d14	19.932	244	25640	0.531	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.332	88	3622	0.412	ng		100
3) n-Nitrosodimethylamine	3.664	42	6216	0.417	ng		97
6) bis(2-Chloroethyl)ether	7.341	93	9849	0.417	ng		98
9) Naphthalene	10.771	128	30589	0.460	ng		99
10) Hexachlorobutadiene	11.059	225	5900	0.465	ng	#	99
12) 2-Methylnaphthalene	12.385	142	21286	0.460	ng		99
16) Acenaphthylene	14.277	152	29720	0.470	ng		99
17) Acenaphthene	14.619	154	19405	0.454	ng		99
18) Fluorene	15.603	166	25600	0.436	ng		99
20) 4,6-Dinitro-2-methylph...	15.699	198	377	0.241	ng	#	35
21) 4-Bromophenyl-phenylether	16.492	248	8259	0.462	ng	#	90
22) Hexachlorobenzene	16.616	284	9464	0.467	ng		99
23) Atrazine	16.765	200	5564	0.456	ng		98
24) Pentachlorophenol	16.963	266	2657	0.521	ng		92
25) Phenanthrene	17.348	178	39246	0.445	ng		100
26) Anthracene	17.435	178	34314	0.446	ng		99
28) Fluoranthene	19.368	202	41363	0.413	ng		99
30) Pyrene	19.734	202	41908	0.553	ng		100
32) Benzo(a)anthracene	21.486	228	32940	0.457	ng		99
33) Chrysene	21.540	228	33821	0.448	ng		99
34) Bis(2-ethylhexyl)phtha...	21.405	149	21673	0.560	ng		100
36) Indeno(1,2,3-cd)pyrene	26.443	276	31977	0.382	ng		98
37) Benzo(b)fluoranthene	23.189	252	30008	0.414	ng		97
38) Benzo(k)fluoranthene	23.236	252	29977	0.418	ng		99
39) Benzo(a)pyrene	23.821	252	28040	0.405	ng	#	92
40) Dibenzo(a,h)anthracene	26.461	278	25703	0.390	ng		99
41) Benzo(g,h,i)perylene	27.221	276	27196	0.381	ng		99

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

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