Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031723\
Data File : BN024351.D
Acq On : 17 Mar 2023 18:12
Operator : CG/JU
Sample : PB151378BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB151378BSD

Quant Time: Mar 17 23:29:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 17 04:37:08 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.040	152	7837	0.400	ng		0.00
7) Naphthalene-d8	10.855	136	22692	0.400	ng		# 0.00
13) Acenaphthene-d10	14.675	164	10414	0.400	ng		0.00
19) Phenanthrene-d10	17.413	188	20497	0.400	ng		# 0.00
29) Chrysene-d12	21.610	240	13355	0.400	ng		# 0.00
35) Perylene-d12	24.126	264	9878	0.400	ng		# 0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.584	112	6869	0.396	ng		0.00
5) Phenol-d6	7.188	99	8908	0.400	ng		0.00
8) Nitrobenzene-d5	9.201	82	6965	0.459	ng		0.00
11) 2-Methylnaphthalene-d10	12.441	152	10427	0.374	ng		0.00
14) 2,4,6-Tribromophenol	16.159	330	1581	0.297	ng		0.00
15) 2-Fluorobiphenyl	13.296	172	16752	0.426	ng		-0.01
27) Fluoranthene-d10	19.446	212	15965	0.367	ng		0.00
31) Terphenyl-d14	20.034	244	9203	0.409	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.432	88	3742	0.439	ng		91
3) n-Nitrosodimethylamine	3.764	42	6438	0.515	ng		88
6) bis(2-Chloroethyl)ether	7.455	93	9637	0.436	ng		93
9) Naphthalene	10.909	128	23721	0.411	ng		100
10) Hexachlorobutadiene	11.197	225	4502	0.411	ng	#	100
12) 2-Methylnaphthalene	12.512	142	14671	0.377	ng		99
16) Acenaphthylene	14.397	152	18941	0.384	ng		100
17) Acenaphthene	14.740	154	12575	0.400	ng		96
18) Fluorene	15.712	166	13965	0.372	ng		99
20) 4,6-Dinitro-2-methylph...	15.787	198	807	0.389	ng		92
21) 4-Bromophenyl-phenylether	16.606	248	4204	0.345	ng	#	84
22) Hexachlorobenzene	16.718	284	5931	0.397	ng		96
23) Atrazine	16.867	200	2659	0.344	ng	#	92
24) Pentachlorophenol	17.065	266	1913	0.339	ng		99
25) Phenanthrene	17.462	178	24657	0.406	ng		99
26) Anthracene	17.549	178	20493	0.366	ng		100
28) Fluoranthene	19.476	202	24765	0.373	ng		98
30) Pyrene	19.838	202	24563	0.454	ng		100
32) Benzo(a)anthracene	21.592	228	16887	0.379	ng		99
33) Chrysene	21.646	228	20194	0.424	ng		99
34) Bis(2-ethylhexyl)phtha...	21.502	149	8577	0.409	ng		98
36) Indeno(1,2,3-cd)pyrene	26.746	276	13835	0.374	ng		96
37) Benzo(b)fluoranthene	23.354	252	16004	0.417	ng	#	94
38) Benzo(k)fluoranthene	23.407	252	15866	0.400	ng	#	95
39) Benzo(a)pyrene	24.003	252	13410	0.381	ng	#	90
40) Dibenzo(a,h)anthracene	26.769	278	10174	0.355	ng		93
41) Benzo(g,h,i)perylene	27.556	276	13258	0.396	ng		95

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

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