Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060723\
Data File : BN025768.D
Acq On : 07 Jun 2023 11:16
Operator : CG/JU
Sample : PB153187BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB153187BSD

Quant Time: Jun 08 02:56:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN053123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 06 15:34:02 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	8050	0.400	ng	0.00
7) Naphthalene-d8	10.824	136	21676	0.400	ng	# 0.00
13) Acenaphthene-d10	14.640	164	10446	0.400	ng	0.00
19) Phenanthrene-d10	17.393	188	17250	0.400	ng	# 0.01
29) Chrysene-d12	21.578	240	6884	0.400	ng	0.00
35) Perylene-d12	24.060	264	4069	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.556	112	7823	0.346	ng	0.00
5) Phenol-d6	7.160	99	9206	0.331	ng	0.00
8) Nitrobenzene-d5	9.169	82	7205	0.358	ng	-0.01
11) 2-Methylnaphthalene-d10	12.407	152	12087	0.387	ng	0.00
14) 2,4,6-Tribromophenol	16.139	330	909	0.282	ng	0.00
15) 2-Fluorobiphenyl	13.272	172	19719	0.447	ng	0.00
27) Fluoranthene-d10	19.416	212	12914	0.364	ng	0.00
31) Terphenyl-d14	20.011	244	8974	0.537	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.390	88	2813	0.298	ng	# 91
3) n-Nitrosodimethylamine	3.736	42	3205	0.266	ng	# 89
6) bis(2-Chloroethyl)ether	7.420	93	9219	0.365	ng	95
9) Naphthalene	10.867	128	25040	0.386	ng	99
10) Hexachlorobutadiene	11.155	225	4764	0.478	ng	# 99
12) 2-Methylnaphthalene	12.483	142	15613	0.379	ng	98
16) Acenaphthylene	14.362	152	18241	0.363	ng	99
17) Acenaphthene	14.705	154	13526	0.410	ng	100
18) Fluorene	15.680	166	16538	0.389	ng	100
20) 4,6-Dinitro-2-methylph...	15.779	198	1145	0.367	ng	95
21) 4-Bromophenyl-phenylether	16.574	248	4421	0.443	ng	91
22) Hexachlorobenzene	16.698	284	4895	0.572	ng	90
24) Pentachlorophenol	17.045	266	1997	0.627	ng	96
25) Phenanthrene	17.430	178	21630	0.408	ng	100
26) Anthracene	17.530	178	17608	0.363	ng	99
28) Fluoranthene	19.449	202	18592	0.356	ng	98
30) Pyrene	19.811	202	17059	0.437	ng	100
32) Benzo(a)anthracene	21.560	228	9939	0.374	ng	99
33) Chrysene	21.614	228	12793	0.455	ng	99
34) Bis(2-ethylhexyl)phtha...	21.471	149	6288	0.397	ng	# 99
36) Indeno(1,2,3-cd)pyrene	26.653	276	12451	0.708	ng	96
37) Benzo(b)fluoranthene	23.297	252	10992	0.685	ng	# 88
38) Benzo(k)fluoranthene	23.344	252	10255	0.625	ng	# 84
39) Benzo(a)pyrene	23.949	252	7482	0.492	ng	# 69
40) Dibenzo(a,h)anthracene	26.668	278	11804	0.836	ng	# 93
41) Benzo(g,h,i)perylene	27.440	276	11589	0.734	ng	99

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

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