Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041823\
Data File : BN024991.D
Acq On : 19 Apr 2023 00:28
Operator : CG/JU
Sample : PB152135BSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB152135BSD

Quant Time: Apr 19 05:48:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN040523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 19 05:45:45 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.933	152	8907	0.400	ng		0.00
7) Naphthalene-d8	10.739	136	26511	0.400	ng	#	0.00
13) Acenaphthene-d10	14.577	164	14265	0.400	ng		0.00
19) Phenanthrene-d10	17.323	188	30394	0.400	ng	#	0.00
29) Chrysene-d12	21.509	240	23172	0.400	ng	#	0.00
35) Perylene-d12	23.960	264	18412	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.484	112	8792	0.427	ng		0.00
5) Phenol-d6	7.095	99	11381	0.439	ng		0.00
8) Nitrobenzene-d5	9.095	82	9401	0.440	ng		0.00
11) 2-Methylnaphthalene-d10	12.332	152	15559	0.443	ng		0.00
14) 2,4,6-Tribromophenol	16.070	330	2764	0.431	ng		0.00
15) 2-Fluorobiphenyl	13.197	172	25242	0.463	ng		0.00
27) Fluoranthene-d10	19.355	212	30188	0.438	ng		0.00
31) Terphenyl-d14	19.949	244	26812	0.510	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.347	88	4394	0.449	ng		99
3) n-Nitrosodimethylamine	3.679	42	7329	0.442	ng		94
6) bis(2-Chloroethyl)ether	7.355	93	11470	0.436	ng		99
9) Naphthalene	10.793	128	31218	0.457	ng		99
10) Hexachlorobutadiene	11.081	225	6183	0.475	ng	#	100
12) 2-Methylnaphthalene	12.404	142	20838	0.439	ng		99
16) Acenaphthylene	14.299	152	26292	0.438	ng		99
17) Acenaphthene	14.641	154	18456	0.455	ng		99
18) Fluorene	15.624	166	24336	0.437	ng		98
20) 4,6-Dinitro-2-methylph...	15.710	198	827	0.320	ng	#	71
21) 4-Bromophenyl-phenylether	16.517	248	7673	0.429	ng	#	90
22) Hexachlorobenzene	16.628	284	9443	0.465	ng		99
23) Atrazine	16.777	200	4724	0.387	ng	#	94
24) Pentachlorophenol	16.976	266	2875	0.545	ng		94
25) Phenanthrene	17.361	178	38502	0.436	ng		100
26) Anthracene	17.460	178	32024	0.416	ng		99
28) Fluoranthene	19.384	202	42668	0.426	ng		99
30) Pyrene	19.747	202	42955	0.521	ng		100
32) Benzo(a)anthracene	21.500	228	33849	0.432	ng		99
33) Chrysene	21.545	228	37617	0.458	ng		98
34) Bis(2-ethylhexyl)phtha...	21.410	149	15362	0.365	ng		100
36) Indeno(1,2,3-cd)pyrene	26.509	276	30797	0.382	ng		99
37) Benzo(b)fluoranthene	23.208	252	32219	0.461	ng		96
38) Benzo(k)fluoranthene	23.261	252	31038	0.448	ng		99
39) Benzo(a)pyrene	23.852	252	27571	0.413	ng	#	93
40) Dibenzo(a,h)anthracene	26.530	278	24463	0.385	ng		97
41) Benzo(g,h,i)perylene	27.293	276	27253	0.396	ng		99

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

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