Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012623\
Data File : BN023800.D
Acq On : 25 Jan 2023 18:45
Operator : CG/JU
Sample : PB150376BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB150376BSD

Quant Time: Jan 26 00:42:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 26 00:40:21 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.890	152	5217	0.400	ng		0.00
7) Naphthalene-d8	10.690	136	14025	0.400	ng		0.00
13) Acenaphthene-d10	14.527	164	7510	0.400	ng		0.00
19) Phenanthrene-d10	17.278	188	13965	0.400	ng		0.00
29) Chrysene-d12	21.477	240	15170	0.400	ng	#	0.00
35) Perylene-d12	23.879	264	11734	0.400	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.442	112	4584	0.418	ng		0.00
5) Phenol-d6	7.053	99	5403	0.414	ng		0.00
8) Nitrobenzene-d5	9.046	82	4135	0.373	ng		0.00
11) 2-Methylnaphthalene-d10	12.284	152	7331	0.378	ng		0.00
14) 2,4,6-Tribromophenol	16.024	330	1124	0.352	ng		0.00
15) 2-Fluorobiphenyl	13.159	172	11816	0.369	ng		0.00
27) Fluoranthene-d10	19.313	212	15555	0.475	ng		0.00
31) Terphenyl-d14	19.907	244	11486	0.480	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.311	88	2088	0.377	ng		99
3) n-Nitrosodimethylamine	3.644	42	2234	0.345	ng	#	91
6) bis(2-Chloroethyl)ether	7.313	93	5426	0.404	ng		98
9) Naphthalene	10.744	128	14313	0.394	ng		100
10) Hexachlorobutadiene	11.032	225	2945	0.400	ng	#	100
12) 2-Methylnaphthalene	12.359	142	9664	0.379	ng		99
16) Acenaphthylene	14.249	152	11378	0.372	ng		100
17) Acenaphthene	14.591	154	8254	0.386	ng		98
18) Fluorene	15.575	166	10715	0.353	ng		100
20) 4,6-Dinitro-2-methylph...	15.671	198	445	0.225	ng	#	75
21) 4-Bromophenyl-phenylether	16.471	248	3276	0.410	ng		96
22) Hexachlorobenzene	16.583	284	3704	0.379	ng		98
23) Atrazine	16.744	200	2326	0.406	ng		98
24) Pentachlorophenol	16.930	266	921	0.368	ng		98
25) Phenanthrene	17.315	178	14834	0.365	ng		99
26) Anthracene	17.414	178	11993	0.365	ng		99
28) Fluoranthene	19.342	202	20588	0.465	ng		100
30) Pyrene	19.705	202	20924	0.372	ng		100
32) Benzo(a)anthracene	21.459	228	17970	0.372	ng		99
33) Chrysene	21.513	228	20003	0.371	ng		99
34) Bis(2-ethylhexyl)phtha...	21.378	149	8823	0.410	ng		99
36) Indeno(1,2,3-cd)pyrene	26.373	276	18352	0.350	ng		98
37) Benzo(b)fluoranthene	23.145	252	18592	0.381	ng		98
38) Benzo(k)fluoranthene	23.192	252	17825	0.361	ng		99
39) Benzo(a)pyrene	23.771	252	14158	0.394	ng	#	95
40) Dibenzo(a,h)anthracene	26.390	278	14389	0.341	ng		99
41) Benzo(g,h,i)perylene	27.130	276	15176	0.340	ng		98

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

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