Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092622\
Data File : BN021918.D
Acq On : 26 Sep 2022 15:00
Operator : CG/JU
Sample : SP6013
Misc : 8270 SIM SPIKE
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SP6013

Quant Time: Sep 26 18:16:57 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 14 01:55:04 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.047	152	3874	0.400	ng	-0.01
7) Naphthalene-d8	10.877	136	11606	0.400	ng	-0.01
13) Acenaphthene-d10	14.696	164	5702	0.400	ng	-0.01
19) Phenanthrene-d10	17.456	188	9736	0.400	ng	0.00
29) Chrysene-d12	21.647	240	6457	0.400	ng	# 0.00
35) Perylene-d12	24.160	264	5327	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	0.000	112	0d	0.000	ng	
5) Phenol-d6	0.000	99	0d	0.000	ng	
8) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
11) 2-Methylnaphthalene-d10	0.000	152	0d	0.000	ng	
14) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
15) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
27) Fluoranthene-d10	0.000	212	0d	0.000	ng	
31) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						Qvalue
2) 1,4-Dioxane	3.396	88	2038	0.407	ng	# 94
3) n-Nitrosodimethylamine	3.728	42	2317	0.456	ng	# 92
6) bis(2-Chloroethyl)ether	7.462	93	5449	0.427	ng	98
9) Naphthalene	10.920	128	14411	0.421	ng	99
10) Hexachlorobutadiene	11.208	225	2500	0.437	ng	# 99
12) 2-Methylnaphthalene	12.191	142	2440	0.332	ng	# 85
16) Acenaphthylene	14.418	152	10636	0.391	ng	99
17) Acenaphthene	14.761	154	7730	0.415	ng	99
18) Fluorene	15.747	166	9218	0.373	ng	99
21) 4-Bromophenyl-phenylether	16.647	248	2608	0.435	ng	93
22) Hexachlorobenzene	16.751	284	3156	0.468	ng	98
23) Atrazine	16.913	200	1923	0.388	ng	# 94
24) Pentachlorophenol	17.109	266	1268	0.501	ng	99
25) Phenanthrene	17.490	178	12892	0.395	ng	99
26) Anthracene	17.594	178	10658	0.385	ng	100
28) Fluoranthene	19.519	202	12024	0.342	ng	100
30) Pyrene	19.882	202	13473	0.420	ng	99
32) Benzo(a)anthracene	21.629	228	9521	0.385	ng	98
33) Chrysene	21.683	228	10576	0.411	ng	99
34) Bis(2-ethylhexyl)phtha...	21.540	149	5810	0.351	ng	98
36) Indeno(1,2,3-cd)pyrene	26.803	276	9161	0.362	ng	99
37) Benzo(b)fluoranthene	23.385	252	9771	0.404	ng	# 88
38) Benzo(k)fluoranthene	23.435	252	9407	0.398	ng	# 86
39) Benzo(a)pyrene	24.046	252	7687	0.399	ng	# 83
40) Dibenzo(a,h)anthracene	26.832	278	7399	0.369	ng	# 89
41) Benzo(g,h,i)perylene	27.612	276	9022	0.438	ng	96

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

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