Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071522\
Data File : BN020755.D
Acq On : 15 Jul 2022 20:53
Operator : CG/JU
Sample : SP5930
Misc : 8270 SIM SPIKE
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SP5930

Quant Time: Jul 16 03:24:02 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 16 03:21:59 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.818	152	2258	0.400	ng	0.00
7) Naphthalene-d8	10.616	136	8824	0.400	ng	# 0.00
13) Acenaphthene-d10	14.463	164	5297	0.400	ng	0.00
19) Phenanthrene-d10	17.226	188	11908	0.400	ng	0.01
29) Chrysene-d12	21.422	240	9497	0.400	ng	0.00
35) Perylene-d12	23.773	264	7374	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	3.254	88	1165	0.394	ng	# 69
3) n-Nitrosodimethylamine	3.593	42	1154	0.428	ng	97
6) bis(2-Chloroethyl)ether	7.255	93	2386	0.370	ng	96
9) Naphthalene	10.669	128	10002	0.380	ng	98
10) Hexachlorobutadiene	10.957	225	1691	0.352	ng	# 100
12) 2-Methylnaphthalene	12.295	142	6328	0.361	ng	99
16) Acenaphthylene	14.185	152	9031	0.355	ng	99
17) Acenaphthene	14.527	154	6433	0.371	ng	94
18) Fluorene	15.521	166	8633	0.382	ng	100
20) 4,6-Dinitro-2-methylph...	15.639	198	348	0.374	ng	# 49
21) 4-Bromophenyl-phenylether	16.415	248	2520	0.364	ng	96
22) Hexachlorobenzene	16.538	284	2979	0.389	ng	97
23) Atrazine	16.692	200	1706	0.313	ng	98
24) Pentachlorophenol	16.887	266	1403	0.754	ng	97
25) Phenanthrene	17.267	178	14786	0.368	ng	100
26) Anthracene	17.359	178	12370	0.357	ng	100
28) Fluoranthene	19.295	202	15898	0.363	ng	99
30) Pyrene	19.653	202	16641	0.414	ng	99
32) Benzo(a)anthracene	21.413	228	12712	0.375	ng	98
33) Chrysene	21.458	228	14886	0.396	ng	98
34) Bis(2-ethylhexyl)phtha...	21.342	149	6398	0.335	ng	98
36) Indeno(1,2,3-cd)pyrene	26.211	276	11541	0.351	ng	99
37) Benzo(b)fluoranthene	23.062	252	13296	0.468	ng	96
38) Benzo(k)fluoranthene	23.109	252	13197	0.436	ng	96
39) Benzo(a)pyrene	23.673	252	10434	0.423	ng	94
40) Dibenzo(a,h)anthracene	26.229	278	9390	0.356	ng	95
41) Benzo(g,h,i)perylene	26.954	276	11538	0.401	ng	99

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

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