Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111121\
Data File : BN017391.D
Acq On : 10 Nov 2021 21:28
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Quant Time: Nov 11 07:21:58 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN111121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 11 07:19:53 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.515	152	28040	0.400	ng		0.00
7) Naphthalene-d8	10.281	136	114944	0.400	ng	#	0.00
13) Acenaphthene-d10	14.156	164	65270	0.400	ng		0.00
19) Phenanthrene-d10	16.909	188	116490	0.400	ng	#	0.00
29) Chrysene-d12	21.123	240	120395	0.400	ng	#	0.00
35) Perylene-d12	23.311	264	129286	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.126	112	307740	4.760	ng		0.00
5) Phenol-d6	6.703	99	357768	5.024	ng		0.00
8) Nitrobenzene-d5	8.659	82	408127	5.917	ng		0.00
11) 2-Methylnaphthalene-d10	11.880	152	763543	4.512	ng		0.00
14) 2,4,6-Tribromophenol	15.666	330	150678	6.184	ng		0.00
15) 2-Fluorobiphenyl	12.773	172	1079655	4.349	ng		0.00
27) Fluoranthene-d10	18.955	212	1503830	5.063	ng		0.00
31) Terphenyl-d14	19.571	244	1242958	4.634	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.107	88	54305	3.459	ng		91
3) n-Nitrosodimethylamine	3.430	42	133845	5.557	ng		99
6) bis(2-Chloroethyl)ether	6.961	93	330458	4.404	ng		99
9) Naphthalene	10.332	128	1369539	4.522	ng		99
10) Hexachlorobutadiene	10.623	225	263553	4.439	ng	#	100
12) 2-Methylnaphthalene	11.955	142	873874	4.385	ng		99
16) Acenaphthylene	13.877	152	1329267	4.996	ng		100
17) Acenaphthene	14.219	154	862806	4.709	ng		98
18) Fluorene	15.209	166	1074107	4.909	ng		99
21) 4-Bromophenyl-phenylether	16.118	248	360723	5.528	ng	#	64
22) Hexachlorobenzene	16.216	284	372664	5.095	ng		100
23) Atrazine	16.398	200	306013	6.939	ng		95
24) Pentachlorophenol	16.569	266	187652	7.271	ng		99
25) Phenanthrene	16.946	178	1545780	4.631	ng		100
26) Anthracene	17.043	178	1465584	5.270	ng		100
28) Fluoranthene	18.985	202	1725126	4.791	ng		99
30) Pyrene	19.347	202	1810117	4.653	ng		100
32) Benzo(a)anthracene	21.112	228	1854280	5.076	ng		98
33) Chrysene	21.154	228	1808578	4.652	ng		99
34) Bis(2-ethylhexyl)phtha...	21.069	149	1207044	9.365	ng		99
36) Indeno(1,2,3-cd)pyrene	25.516	276	2218684	4.902	ng		99
37) Benzo(b)fluoranthene	22.661	252	1933448	4.575	ng		100
38) Benzo(k)fluoranthene	22.702	252	1843529	4.361	ng		100
39) Benzo(a)pyrene	23.215	252	1793695	4.794	ng		99
40) Dibenzo(a,h)anthracene	25.540	278	1844127	5.065	ng		100
41) Benzo(g,h,i)perylene	26.186	276	1945120	4.954	ng		100

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

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