Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
Data File : BN016604.D
Acq On : 30 Sep 2021 17:20
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC5.0

Quant Time: Sep 30 17:49:24 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 30 15:26:45 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.642	152	33421	0.40	ng		0.00
7) Naphthalene-d8	10.406	136	132597	0.40	ng		0.00
13) Acenaphthene-d10	14.268	164	68475	0.40	ng		0.00
19) Phenanthrene-d10	17.029	188	121623	0.40	ng		0.00
29) Chrysene-d12	21.238	240	113643	0.40	ng		0.00
35) Perylene-d12	23.488	264	117449	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.254	112	399589	4.66	ng		0.00
5) Phenol-d6	6.821	99	450584	4.91	ng		0.00
8) Nitrobenzene-d5	8.784	82	485411	5.83	ng		0.00
11) 2-Methylnaphthalene-d10	12.003	152	925916	4.78	ng		0.00
14) 2,4,6-Tribromophenol	15.778	330	184550	5.91	ng		0.01
15) 2-Fluorobiphenyl	12.898	172	1298849	4.62	ng		0.00
27) Fluoranthene-d10	19.068	212	1620256	4.86	ng		0.00
31) Terphenyl-d14	19.678	244	1285493	5.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.253	88	77133	4.66	ng	#	86
3) n-Nitrosodimethylamine	3.576	42	126572	5.03	ng		99
6) bis(2-Chloroethyl)ether	7.080	93	406227	4.47	ng		99
9) Naphthalene	10.457	128	1674670	4.57	ng		100
10) Hexachlorobutadiene	10.749	225	322539	4.73	ng	#	100
12) 2-Methylnaphthalene	12.078	142	1056475	4.63	ng		99
16) Acenaphthylene	13.989	152	1582152	5.21	ng		100
17) Acenaphthene	14.332	154	975102	4.84	ng		98
18) Fluorene	15.322	166	1168324	4.88	ng		99
20) 4,6-Dinitro-2-methylph...	15.410	198	121584	8.80	ng	#	79
21) 4-Bromophenyl-phenylether	16.226	248	393700	5.24	ng		98
22) Hexachlorobenzene	16.336	284	428643	4.89	ng		99
23) Atrazine	16.506	200	322269	5.85	ng		97
25) Phenanthrene	17.066	178	1760796	4.80	ng		100
26) Anthracene	17.151	178	1655626	5.23	ng		100
28) Fluoranthene	19.097	202	1880034	4.65	ng		99
30) Pyrene	19.460	202	1980595	5.35	ng		100
32) Benzo(a)anthracene	21.217	228	1928673	5.57	ng		100
33) Chrysene	21.270	228	1833727	5.06	ng		99
36) Indeno(1,2,3-cd)pyrene	25.767	276	2233982	5.11	ng		99
37) Benzo(b)fluoranthene	22.810	252	1985292	5.46	ng		100
38) Benzo(k)fluoranthene	22.854	252	1904987	5.18	ng		100
39) Benzo(a)pyrene	23.388	252	1821558	5.36	ng		100
40) Dibenzo(a,h)anthracene	25.791	278	1824093	5.16	ng		100
41) Benzo(g,h,i)perylene	26.466	276	1954181	5.07	ng		100

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

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