Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101421\
Data File : BN016952.D
Acq On : 14 Oct 2021 15:46
Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC3.2

Quant Time: Oct 14 16:21:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN101421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 14 14:27:18 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.615	152	21381	0.40	ng		0.00
7) Naphthalene-d8	10.381	136	89188	0.40	ng		0.00
13) Acenaphthene-d10	14.243	164	47606	0.40	ng		0.00
19) Phenanthrene-d10	16.993	188	87245	0.40	ng		0.00
29) Chrysene-d12	21.196	240	87902	0.40	ng	#	0.00
35) Perylene-d12	23.426	264	86799	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.217	112	167748	3.46	ng		0.00
5) Phenol-d6	6.794	99	190834	3.53	ng		0.00
8) Nitrobenzene-d5	8.759	82	197888	3.49	ng		0.00
11) 2-Methylnaphthalene-d10	11.976	152	397564	3.18	ng		0.00
14) 2,4,6-Tribromophenol	15.740	330	79970	3.71	ng		0.00
15) 2-Fluorobiphenyl	12.860	172	558200	3.10	ng		0.00
27) Fluoranthene-d10	19.033	212	736934	3.36	ng		0.00
31) Terphenyl-d14	19.644	244	617762	3.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.207	88	39194	2.75	ng	#	47
3) n-Nitrosodimethylamine	3.530	42	56738	3.46	ng		97
6) bis(2-Chloroethyl)ether	7.052	93	180284	3.12	ng		99
9) Naphthalene	10.432	128	722496	3.12	ng		100
10) Hexachlorobutadiene	10.723	225	140587	3.07	ng	#	100
12) 2-Methylnaphthalene	12.047	142	457284	3.11	ng		99
16) Acenaphthylene	13.951	152	674240	3.50	ng		100
17) Acenaphthene	14.307	154	419723	3.17	ng		98
18) Fluorene	15.296	166	507018	3.21	ng		99
20) 4,6-Dinitro-2-methylph...	15.385	198	61657	5.78	ng	#	80
21) 4-Bromophenyl-phenylether	16.190	248	170957	3.34	ng		98
22) Hexachlorobenzene	16.299	284	188772	3.19	ng		99
23) Atrazine	16.470	200	139270	4.36	ng		98
24) Pentachlorophenol	16.640	266	83830	4.19	ng		100
25) Phenanthrene	17.030	178	776778	3.13	ng		100
26) Anthracene	17.115	178	724180	3.42	ng		100
28) Fluoranthene	19.063	202	858662	3.20	ng		99
30) Pyrene	19.425	202	884894	3.17	ng		100
32) Benzo(a)anthracene	21.185	228	895161	3.38	ng		97
33) Chrysene	21.238	228	881273	3.08	ng		97
34) Bis(2-ethylhexyl)phtha...	21.132	149	540253	4.64	ng		99
36) Indeno(1,2,3-cd)pyrene	25.675	276	1039422	3.16	ng		100
37) Benzo(b)fluoranthene	22.759	252	926818	3.33	ng		100
38) Benzo(k)fluoranthene	22.803	252	898049	3.26	ng		99
39) Benzo(a)pyrene	23.330	252	845678	3.33	ng		99
40) Dibenzo(a,h)anthracene	25.699	278	846629	3.18	ng		99
41) Benzo(g,h,i)perylene	26.366	276	915888	3.21	ng		100

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

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