Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100721\
Data File : BN016816.D
Acq On : 07 Oct 2021 19:28
Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC3.2

Quant Time: Oct 08 01:20:12 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 07 18:25:32 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.615	152	19983	0.40	ng	0.00
7) Naphthalene-d8	10.381	136	82812	0.40	ng	# 0.00
13) Acenaphthene-d10	14.243	164	44223	0.40	ng	0.00
19) Phenanthrene-d10	17.005	188	85678	0.40	ng	0.00
29) Chrysene-d12	21.217	240	87622	0.40	ng	# 0.00
35) Perylene-d12	23.454	264	94771	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.227	112	159743	3.13	ng	0.00
5) Phenol-d6	6.794	99	188947	3.34	ng	0.00
8) Nitrobenzene-d5	8.759	82	206645	3.56	ng	0.00
11) 2-Methylnaphthalene-d10	11.976	152	401433	3.25	ng	0.00
14) 2,4,6-Tribromophenol	15.753	330	88712	4.54	ng	0.00
15) 2-Fluorobiphenyl	12.873	172	558279	3.16	ng	0.00
27) Fluoranthene-d10	19.043	212	798828	3.41	ng	0.00
31) Terphenyl-d14	19.659	244	670391	3.42	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.217	88	28442	3.05	ng	# 71
3) n-Nitrosodimethylamine	3.539	42	53938	3.58	ng	99
6) bis(2-Chloroethyl)ether	7.052	93	172426	3.18	ng	99
9) Naphthalene	10.432	128	717506	3.17	ng	100
10) Hexachlorobutadiene	10.724	225	137134	3.24	ng	# 100
12) 2-Methylnaphthalene	12.052	142	458233	3.18	ng	100
16) Acenaphthylene	13.964	152	690782	3.54	ng	100
17) Acenaphthene	14.307	154	424318	3.29	ng	99
18) Fluorene	15.296	166	528364	3.40	ng	99
20) 4,6-Dinitro-2-methylph...	15.385	198	68102	11.49	ng	# 54
21) 4-Bromophenyl-phenylether	16.202	248	181214	3.47	ng	95
22) Hexachlorobenzene	16.312	284	197121	3.33	ng	99
23) Atrazine	16.482	200	159641	3.86	ng	98
25) Phenanthrene	17.042	178	826189	3.28	ng	100
26) Anthracene	17.139	178	788653	3.51	ng	100
28) Fluoranthene	19.073	202	921271	3.30	ng	99
30) Pyrene	19.440	202	960684	3.33	ng	100
32) Benzo(a)anthracene	21.196	228	987806	3.63	ng	98
33) Chrysene	21.249	228	951708	3.45	ng	98
36) Indeno(1,2,3-cd)pyrene	25.716	276	1237642	4.11	ng	99
37) Benzo(b)fluoranthene	22.779	252	1062438	3.47	ng	99
38) Benzo(k)fluoranthene	22.824	252	985305	3.35	ng	99
39) Benzo(a)pyrene	23.354	252	974500	3.55	ng	98
40) Dibenzo(a,h)anthracene	25.740	278	1017350	4.26	ng	99
41) Benzo(g,h,i)perylene	26.411	276	1074559	4.02	ng	99

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

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