Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072221\
Data File : BN015641.D
Acq On : 21 Jul 2021 12:19
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

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Quant Time: Jul 21 14:14:46 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 21 14:10:52 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.744	152	12080	0.400	ng		0.00
7) Naphthalene-d8	10.521	136	53976	0.400	ng		0.00
13) Acenaphthene-d10	14.370	164	29262	0.400	ng		0.00
19) Phenanthrene-d10	17.127	188	56942	0.400	ng		0.00
29) Chrysene-d12	21.323	240	53623	0.400	ng		0.00
35) Perylene-d12	23.638	264	52571	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.346	112	3848	0.111	ng		0.00
5) Phenol-d6	6.914	99	4558	0.111	ng		0.00
8) Nitrobenzene-d5	8.886	82	3857	0.099	ng		0.00
11) 2-Methylnaphthalene-d10	12.118	152	9711	0.109	ng		0.00
14) 2,4,6-Tribromophenol	15.867	330	1270	0.120	ng		0.00
15) 2-Fluorobiphenyl	13.000	172	11899	0.101	ng		0.00
27) Fluoranthene-d10	19.162	212	19169	0.111	ng		0.00
31) Terphenyl-d14	19.768	244	13222	0.104	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.290	88	393	0.067	ng	#	52
3) n-Nitrosodimethylamine	3.650	42	1007	0.101	ng		98
6) bis(2-Chloroethyl)ether	7.172	93	3934	0.107	ng		99
9) Naphthalene	10.571	128	17452	0.111	ng		99
10) Hexachlorobutadiene	10.863	225	3026	0.103	ng	#	100
12) 2-Methylnaphthalene	12.189	142	10477	0.105	ng		99
16) Acenaphthylene	14.091	152	12604	0.093	ng		99
17) Acenaphthene	14.434	154	9235	0.102	ng		99
18) Fluorene	15.423	166	11308	0.104	ng		99
20) 4,6-Dinitro-2-methylph...	15.512	198	333	0.145	ng	#	67
21) 4-Bromophenyl-phenylether	16.324	248	3582	0.099	ng		99
22) Hexachlorobenzene	16.433	284	3876	0.095	ng		99
23) Atrazine	16.591	200	2619	0.100	ng		99
24) Pentachlorophenol	16.786	266	598	0.069	ng		97
25) Phenanthrene	17.163	178	18507	0.101	ng		99
26) Anthracene	17.249	178	15353	0.097	ng		100
28) Fluoranthene	19.192	202	20808	0.104	ng		100
30) Pyrene	19.554	202	21646	0.105	ng		100
32) Benzo(a)anthracene	21.312	228	19511	0.104	ng		97
33) Chrysene	21.365	228	20099	0.101	ng		97
34) Bis(2-ethylhexyl)phtha...	21.249	149	11697	0.146	ng		100
36) Indeno(1,2,3-cd)pyrene	26.010	276	23021	0.123	ng		96
37) Benzo(b)fluoranthene	22.940	252	20361m	0.099	ng		
38) Benzo(k)fluoranthene	22.985	252	21382	0.103	ng		95
39) Benzo(a)pyrene	23.539	252	18029	0.102	ng	#	86
40) Dibenzo(a,h)anthracene	26.028	278	18685	0.127	ng		95
41) Benzo(g,h,i)perylene	26.736	276	19124	0.120	ng		98

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

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