Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111921\
Data File : BN017517.D
Acq On : 19 Nov 2021 11:05
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: Nov 19 12:30:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN111921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 19 12:29:22 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.864	152	28794	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	129161	0.400	ng	#-0.01
13) Acenaphthene-d10	14.485	164	69318	0.400	ng	0.00
19) Phenanthrene-d10	17.225	188	131051	0.400	ng	# 0.00
29) Chrysene-d12	21.409	240	117431	0.400	ng	# 0.00
35) Perylene-d12	23.776	264	98921	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.439	112	13275	0.194	ng	0.00
5) Phenol-d6	7.025	99	14563	0.197	ng	0.00
8) Nitrobenzene-d5	9.001	82	14120	0.176	ng	-0.01
11) 2-Methylnaphthalene-d10	12.244	152	39910	0.188	ng	0.00
14) 2,4,6-Tribromophenol	15.970	330	3438	0.195	ng	0.00
15) 2-Fluorobiphenyl	13.115	172	47663	0.182	ng	0.00
27) Fluoranthene-d10	19.257	212	71256	0.182	ng	0.00
31) Terphenyl-d14	19.858	244	47471	0.165	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.383	88	2546	0.201	ng	# 47
3) n-Nitrosodimethylamine	3.715	42	5037	0.209	ng	# 96
6) bis(2-Chloroethyl)ether	7.284	93	15740	0.199	ng	95
9) Naphthalene	10.699	128	61761	0.190	ng	100
10) Hexachlorobutadiene	11.003	225	11947	0.176	ng	# 99
12) 2-Methylnaphthalene	12.315	142	39590	0.193	ng	98
16) Acenaphthylene	14.206	152	44394	0.172	ng	100
17) Acenaphthene	14.549	154	34138	0.182	ng	100
18) Fluorene	15.526	166	40890	0.190	ng	100
20) 4,6-Dinitro-2-methylph...	15.614	198	466	0.091	ng	# 55
21) 4-Bromophenyl-phenylether	16.422	248	12548	0.169	ng	# 78
22) Hexachlorobenzene	16.544	284	14095	0.168	ng	96
23) Atrazine	16.690	200	7682	0.181	ng	96
24) Pentachlorophenol	16.884	266	2835	0.169	ng	99
25) Phenanthrene	17.262	178	67437	0.187	ng	100
26) Anthracene	17.359	178	52370	0.175	ng	100
28) Fluoranthene	19.287	202	72767	0.188	ng	100
30) Pyrene	19.649	202	72109	0.171	ng	100
32) Benzo(a)anthracene	21.398	228	60418	0.166	ng	99
33) Chrysene	21.451	228	71998	0.193	ng	99
34) Bis(2-ethylhexyl)phtha...	21.334	149	22043	0.116	ng	# 99
36) Indeno(1,2,3-cd)pyrene	26.220	276	50521	0.221	ng	96
37) Benzo(b)fluoranthene	23.057	252	62468	0.168	ng	98
38) Benzo(k)fluoranthene	23.105	252	63279	0.185	ng	98
39) Benzo(a)pyrene	23.674	252	47936	0.166	ng	98
40) Dibenzo(a,h)anthracene	26.241	278	41350	0.238	ng	# 94
41) Benzo(g,h,i)perylene	26.966	276	43777	0.204	ng	97

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

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