Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072921\
Data File : BN015712.D
Acq On : 29 Jul 2021 17:48
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.2

Quant Time: Jul 29 19:07:04 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN072921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 29 19:04:20 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.790	152	32580	0.400	ng		0.00
7) Naphthalene-d8	10.572	136	148648	0.400	ng		0.00
13) Acenaphthene-d10	14.421	164	86295	0.400	ng		0.00
19) Phenanthrene-d10	17.176	188	170740	0.400	ng		0.00
29) Chrysene-d12	21.376	240	161192	0.400	ng		0.00
35) Perylene-d12	23.717	264	160559	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.383	112	19066	0.221	ng		0.00
5) Phenol-d6	6.960	99	24316	0.234	ng		0.00
8) Nitrobenzene-d5	8.937	82	20594	0.185	ng		0.00
11) 2-Methylnaphthalene-d10	12.167	152	47586	0.209	ng		0.00
14) 2,4,6-Tribromophenol	15.918	330	6420	0.172	ng		0.00
15) 2-Fluorobiphenyl	13.051	172	72029	0.211	ng		0.00
27) Fluoranthene-d10	19.212	212	97955	0.209	ng		0.00
31) Terphenyl-d14	19.818	244	89225	0.237	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.355	88	2180	0.220	ng	#	100
3) n-Nitrosodimethylamine	3.742	42	3142	0.126	ng	#	1
6) bis(2-Chloroethyl)ether	7.228	93	17978	0.194	ng		99
9) Naphthalene	10.622	128	79668	0.202	ng		99
10) Hexachlorobutadiene	10.926	225	15215	0.205	ng	#	100
12) 2-Methylnaphthalene	12.243	142	55000	0.212	ng		99
16) Acenaphthylene	14.142	152	79755	0.214	ng		100
17) Acenaphthene	14.485	154	49047	0.197	ng		100
18) Fluorene	15.474	166	62249	0.204	ng		100
20) 4,6-Dinitro-2-methylph...	15.550	198	1546	0.170	ng	#	68
21) 4-Bromophenyl-phenylether	16.373	248	20340	0.206	ng		97
22) Hexachlorobenzene	16.482	284	19793	0.182	ng		99
23) Atrazine	16.640	200	18134	0.242	ng		100
24) Pentachlorophenol	16.823	266	5387	0.139	ng		99
25) Phenanthrene	17.212	178	95548	0.190	ng		100
26) Anthracene	17.298	178	91706	0.207	ng		100
28) Fluoranthene	19.242	202	111595	0.199	ng		100
30) Pyrene	19.604	202	113397	0.202	ng		100
32) Benzo(a)anthracene	21.355	228	109802	0.201	ng		100
33) Chrysene	21.408	228	106717	0.196	ng		100
34) Bis(2-ethylhexyl)phtha...	21.302	149	58756	0.201	ng		99
36) Indeno(1,2,3-cd)pyrene	26.120	276	116749	0.190	ng		98
37) Benzo(b)fluoranthene	23.009	252	111054	0.199	ng		98
38) Benzo(k)fluoranthene	23.057	252	110528	0.193	ng		98
39) Benzo(a)pyrene	23.611	252	98973	0.197	ng		97
40) Dibenzo(a,h)anthracene	26.144	278	98895	0.197	ng		98
41) Benzo(g,h,i)perylene	26.853	276	98936	0.193	ng		99

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

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