Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072921\
Data File : BN015716.D
Acq On : 29 Jul 2021 20:15
Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC3.2

Quant Time: Jul 30 02:15:03 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 19:08:51 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	38560	0.400	ng	0.00
7) Naphthalene-d8	10.571	136	159240	0.400	ng	0.00
13) Acenaphthene-d10	14.421	164	92236	0.400	ng	0.00
19) Phenanthrene-d10	17.164	188	186354	0.400	ng	#-0.01
29) Chrysene-d12	21.376	240	175254	0.400	ng	0.00
35) Perylene-d12	23.717	264	184145	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.393	112	305839	2.999	ng	0.00
5) Phenol-d6	6.960	99	382147	3.114	ng	0.00
8) Nitrobenzene-d5	8.937	82	346051	2.898	ng	0.00
11) 2-Methylnaphthalene-d10	12.167	152	790257	3.247	ng	0.00
14) 2,4,6-Tribromophenol	15.918	330	129466	3.247	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	1067792	2.930	ng	0.00
27) Fluoranthene-d10	19.207	212	1669088	3.267	ng	0.00
31) Terphenyl-d14	19.813	244	1353279	3.306	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.346	88	41013	3.501	ng	# 100
3) n-Nitrosodimethylamine	3.696	42	97374	3.311	ng	# 1
6) bis(2-Chloroethyl)ether	7.228	93	317208	2.887	ng	98
9) Naphthalene	10.622	128	1283705	3.032	ng	99
10) Hexachlorobutadiene	10.926	225	251364	3.166	ng	# 100
12) 2-Methylnaphthalene	12.238	142	847582	3.043	ng	99
16) Acenaphthylene	14.142	152	1325088	3.323	ng	100
17) Acenaphthene	14.484	154	838484	3.150	ng	97
18) Fluorene	15.474	166	1040247	3.196	ng	99
20) 4,6-Dinitro-2-methylph...	15.550	198	74033	7.463	ng	# 83
21) 4-Bromophenyl-phenylether	16.373	248	350026	3.245	ng	95
22) Hexachlorobenzene	16.482	284	343548	2.898	ng	99
23) Atrazine	16.640	200	325802	3.987	ng	99
24) Pentachlorophenol	16.823	266	151991	3.604	ng	99
25) Phenanthrene	17.212	178	1610090	2.926	ng	100
26) Anthracene	17.297	178	1542207	3.191	ng	100
28) Fluoranthene	19.237	202	1786555	2.916	ng	100
30) Pyrene	19.604	202	1887986	3.090	ng	100
32) Benzo(a)anthracene	21.355	228	1915109	3.228	ng	99
33) Chrysene	21.408	228	1787428	3.021	ng	99
34) Bis(2-ethylhexyl)phtha...	21.302	149	1194432	3.754	ng	99
36) Indeno(1,2,3-cd)pyrene	26.120	276	2157175	3.064	ng	98
37) Benzo(b)fluoranthene	23.009	252	1918528	2.994	ng	98
38) Benzo(k)fluoranthene	23.053	252	1924114	2.935	ng	# 92
39) Benzo(a)pyrene	23.611	252	1781838	3.092	ng	98
40) Dibenzo(a,h)anthracene	26.141	278	1811474	3.146	ng	# 94
41) Benzo(g,h,i)perylene	26.856	276	1838026	3.126	ng	99

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

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