Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080221\
Data File : BN015762.D
Acq On : 02 Aug 2021 12:10
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC1.6

Quant Time: Aug 02 12:41:28 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN080221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 02 11:44:42 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	38621	0.400	ng	0.00
7) Naphthalene-d8	10.571	136	164135	0.400	ng	0.00
13) Acenaphthene-d10	14.421	164	86432	0.400	ng	0.01
19) Phenanthrene-d10	17.163	188	154864	0.400	ng	0.00
29) Chrysene-d12	21.376	240	154151	0.400	ng	# 0.01
35) Perylene-d12	23.713	264	139241	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.383	112	155098	1.495	ng	0.00
5) Phenol-d6	6.950	99	189360	1.508	ng	0.00
8) Nitrobenzene-d5	8.936	82	174035	1.687	ng	0.01
11) 2-Methylnaphthalene-d10	12.162	152	407749	1.650	ng	0.00
14) 2,4,6-Tribromophenol	15.905	330	57526	1.540	ng	0.00
15) 2-Fluorobiphenyl	13.038	172	527955	1.596	ng	0.00
27) Fluoranthene-d10	19.207	212	698660	1.712	ng	0.00
31) Terphenyl-d14	19.812	244	580468	1.547	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.345	88	22463	1.692	ng	# 89
3) n-Nitrosodimethylamine	3.696	42	45935	1.789	ng	# 98
6) bis(2-Chloroethyl)ether	7.218	93	170427	1.659	ng	100
9) Naphthalene	10.622	128	697363	1.631	ng	100
10) Hexachlorobutadiene	10.913	225	121621	1.617	ng	# 100
12) 2-Methylnaphthalene	12.234	142	447176	1.610	ng	100
16) Acenaphthylene	14.129	152	628585	1.655	ng	100
17) Acenaphthene	14.471	154	406058	1.642	ng	98
18) Fluorene	15.461	166	491383	1.631	ng	99
20) 4,6-Dinitro-2-methylph...	15.537	198	19294	1.617	ng	# 87
21) 4-Bromophenyl-phenylether	16.360	248	152781	1.690	ng	100
22) Hexachlorobenzene	16.470	284	171585	1.717	ng	99
23) Atrazine	16.640	200	110506	1.600	ng	# 88
24) Pentachlorophenol	16.822	266	58201	1.552	ng	99
25) Phenanthrene	17.212	178	757115	1.707	ng	100
26) Anthracene	17.297	178	676297	1.687	ng	100
28) Fluoranthene	19.236	202	814934	1.719	ng	100
30) Pyrene	19.599	202	818526	1.590	ng	100
32) Benzo(a)anthracene	21.355	228	815072	1.661	ng	100
33) Chrysene	21.408	228	801058	1.604	ng	100
34) Bis(2-ethylhexyl)phtha...	21.301	149	336190	1.288	ng	100
36) Indeno(1,2,3-cd)pyrene	26.113	276	846751	1.692	ng	100
37) Benzo(b)fluoranthene	23.005	252	816300	1.824	ng	99
38) Benzo(k)fluoranthene	23.053	252	821122	1.702	ng	99
39) Benzo(a)pyrene	23.607	252	702784	1.718	ng	99
40) Dibenzo(a,h)anthracene	26.133	278	706656	1.671	ng	99
41) Benzo(g,h,i)perylene	26.849	276	727609	1.668	ng	100

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

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