Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062921\
Data File : BN015193.D
Acq On : 29 Jun 2021 18:30
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC5.0

Quant Time: Jun 29 19:01:55 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 29 16:42:28 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.732	152	18962	0.400	ng	# 0.00
7) Naphthalene-d8	10.505	136	75574	0.400	ng	# 0.00
13) Acenaphthene-d10	14.346	164	38242	0.400	ng	0.00
19) Phenanthrene-d10	17.091	188	68773	0.400	ng	0.00
29) Chrysene-d12	21.303	240	68623	0.400	ng	# 0.00
35) Perylene-d12	23.554	264	63003	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.344	112	177797	3.032	ng	0.00
5) Phenol-d6	6.902	99	276885	3.727	ng	0.00
8) Nitrobenzene-d5	8.870	82	341463	5.979	ng	0.00
11) 2-Methylnaphthalene-d10	12.088	152	586699	4.526	ng	0.00
14) 2,4,6-Tribromophenol	15.843	330	87096	4.853	ng	0.00
15) 2-Fluorobiphenyl	12.975	172	748319	5.152	ng	0.00
27) Fluoranthene-d10	19.133	212	1083025	4.995	ng	0.00
31) Terphenyl-d14	19.739	244	767830	4.516	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.352	88	24577	3.090	ng	# 62
3) n-Nitrosodimethylamine	3.665	42	50847	2.886	ng	# 65
6) bis(2-Chloroethyl)ether	7.169	93	257478	4.410	ng	# 83
9) Naphthalene	10.543	128	1024990	4.839	ng	97
10) Hexachlorobutadiene	10.847	225	201656	4.796	ng	# 99
12) 2-Methylnaphthalene	12.164	142	650970	4.568	ng	# 89
16) Acenaphthylene	14.067	152	988676	5.118	ng	98
17) Acenaphthene	14.409	154	600593	5.081	ng	98
18) Fluorene	15.399	166	735513	5.042	ng	98
20) 4,6-Dinitro-2-methylph...	15.475	198	22728	5.758	ng	# 46
21) 4-Bromophenyl-phenylether	16.288	248	240886	5.420	ng	# 79
22) Hexachlorobenzene	16.410	284	259220	5.526	ng	# 91
23) Atrazine	16.556	200	185698	4.675	ng	89
24) Pentachlorophenol	16.751	266	64850	3.762	ng	99
25) Phenanthrene	17.140	178	1129969	5.387	ng	99
26) Anthracene	17.225	178	1074472	5.238	ng	99
28) Fluoranthene	19.163	202	1237351	5.206	ng	# 97
30) Pyrene	19.530	202	1277763	4.701	ng	99
32) Benzo(a)anthracene	21.281	228	1258862	4.865	ng	99
33) Chrysene	21.334	228	1220155	4.922	ng	99
34) Bis(2-ethylhexyl)phtha...	21.228	149	660153	3.659	ng	# 86
36) Indeno(1,2,3-cd)pyrene	25.813	276	1294888	6.152	ng	# 87
37) Benzo(b)fluoranthene	22.879	252	1218559	5.157	ng	# 96
38) Benzo(k)fluoranthene	22.927	252	1232841	5.405	ng	# 94
39) Benzo(a)pyrene	23.455	252	1142717	5.494	ng	# 94
40) Dibenzo(a,h)anthracene	25.830	278	1053260	6.183	ng	# 91
41) Benzo(g,h,i)perylene	26.508	276	1093143	5.983	ng	# 89

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

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