Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062921\
Data File : BN015192.D
Acq On : 29 Jun 2021 17:53
Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC3.2

Quant Time: Jun 29 18:23:19 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	7.741	152	17094	0.400	ng	# 0.00
7) Naphthalene-d8	10.505	136	71748	0.400	ng	# 0.00
13) Acenaphthene-d10	14.346	164	36703	0.400	ng	0.00
19) Phenanthrene-d10	17.092	188	65983	0.400	ng	0.00
29) Chrysene-d12	21.303	240	68376	0.400	ng	# 0.00
35) Perylene-d12	23.554	264	60195	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.362	112	112534	2.129	ng	0.02
5) Phenol-d6	6.902	99	174878	2.611	ng	0.00
8) Nitrobenzene-d5	8.870	82	216411	3.991	ng	0.00
11) 2-Methylnaphthalene-d10	12.088	152	377647	3.069	ng	0.00
14) 2,4,6-Tribromophenol	15.843	330	51860	3.011	ng	0.00
15) 2-Fluorobiphenyl	12.976	172	480649	3.448	ng	0.00
27) Fluoranthene-d10	19.133	212	701757	3.373	ng	0.00
31) Terphenyl-d14	19.739	244	502809	2.968	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.352	88	12801	1.786	ng	# 61
3) n-Nitrosodimethylamine	3.684	42	31749	1.999	ng	# 65
6) bis(2-Chloroethyl)ether	7.169	93	164351	3.122	ng	# 83
9) Naphthalene	10.543	128	657125	3.267	ng	97
10) Hexachlorobutadiene	10.847	225	129267	3.238	ng	# 98
12) 2-Methylnaphthalene	12.164	142	423497	3.131	ng	# 90
16) Acenaphthylene	14.067	152	640543	3.455	ng	98
17) Acenaphthene	14.409	154	386510	3.407	ng	99
18) Fluorene	15.399	166	484258	3.459	ng	98
20) 4,6-Dinitro-2-methylph...	15.475	198	9893	2.612	ng	# 50
21) 4-Bromophenyl-phenylether	16.288	248	155376	3.644	ng	# 78
22) Hexachlorobenzene	16.410	284	169068	3.756	ng	# 91
23) Atrazine	16.556	200	111463	2.925	ng	# 88
24) Pentachlorophenol	16.751	266	31011	1.875	ng	99
25) Phenanthrene	17.140	178	736254	3.658	ng	99
26) Anthracene	17.225	178	700713	3.561	ng	99
28) Fluoranthene	19.163	202	823314	3.610	ng	# 97
30) Pyrene	19.531	202	839375	3.099	ng	99
32) Benzo(a)anthracene	21.292	228	828015	3.212	ng	96
33) Chrysene	21.335	228	812755	3.291	ng	99
34) Bis(2-ethylhexyl)phtha...	21.228	149	375373	2.088	ng	# 86
36) Indeno(1,2,3-cd)pyrene	25.816	276	840795	4.181	ng	# 87
37) Benzo(b)fluoranthene	22.880	252	803743	3.560	ng	# 95
38) Benzo(k)fluoranthene	22.924	252	815589	3.743	ng	# 94
39) Benzo(a)pyrene	23.458	252	743156	3.739	ng	# 94
40) Dibenzo(a,h)anthracene	25.830	278	684176	4.204	ng	# 91
41) Benzo(g,h,i)perylene	26.504	276	703754	4.032	ng	# 90

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

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