Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN063021\
Data File : BN015220.D
Acq On : 30 Jun 2021 13:19
Operator : CG/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.8

Quant Time: Jun 30 13:58:09 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 30 13:21:47 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.732	152	19026	0.400	ng	# 0.00
7) Naphthalene-d8	10.492	136	81984	0.400	ng	# 0.00
13) Acenaphthene-d10	14.346	164	42477	0.400	ng	0.00
19) Phenanthrene-d10	17.091	188	78863	0.400	ng	0.00
29) Chrysene-d12	21.303	240	74547	0.400	ng	# 0.00
35) Perylene-d12	23.561	264	62867	0.400	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.362	112	38870	0.943	ng	0.00
5) Phenol-d6	6.902	99	49109	0.782	ng	0.00
8) Nitrobenzene-d5	8.870	82	35395	0.472	ng	0.00
11) 2-Methylnaphthalene-d10	12.088	152	109343	0.813	ng	0.00
14) 2,4,6-Tribromophenol	15.843	330	8536	0.644	ng	0.00
15) 2-Fluorobiphenyl	12.963	172	140149	0.787	ng	0.00
27) Fluoranthene-d10	19.133	212	189993	0.792	ng	0.00
31) Terphenyl-d14	19.739	244	145425	0.884	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.352	88	7420	1.344	ng	# 58
3) n-Nitrosodimethylamine	3.693	42	13600	1.215	ng	# 70
6) bis(2-Chloroethyl)ether	7.169	93	49973	0.828	ng	# 85
9) Naphthalene	10.543	128	192228	0.812	ng	97
10) Hexachlorobutadiene	10.835	225	36321	0.765	ng	# 99
12) 2-Methylnaphthalene	12.159	142	125343	0.832	ng	# 90
16) Acenaphthylene	14.067	152	155228	0.713	ng	98
17) Acenaphthene	14.409	154	106874	0.788	ng	99
18) Fluorene	15.399	166	133446	0.816	ng	99
20) 4,6-Dinitro-2-methylph...	15.475	198	830	0.428	ng	# 64
21) 4-Bromophenyl-phenylether	16.288	248	41478	0.761	ng	# 84
22) Hexachlorobenzene	16.410	284	46684	0.718	ng	# 91
23) Atrazine	16.556	200	22641	0.746	ng	92
24) Pentachlorophenol	16.751	266	4867	0.667	ng	99
25) Phenanthrene	17.128	178	209194	0.778	ng	99
26) Anthracene	17.225	178	183196	0.781	ng	99
28) Fluoranthene	19.163	202	233597	0.803	ng	# 97
30) Pyrene	19.530	202	228603	0.844	ng	99
32) Benzo(a)anthracene	21.292	228	205180	0.802	ng	97
33) Chrysene	21.345	228	226476	0.806	ng	97
34) Bis(2-ethylhexyl)phtha...	21.228	149	50657	0.574	ng	# 86
36) Indeno(1,2,3-cd)pyrene	25.816	276	187395	0.727	ng	# 88
37) Benzo(b)fluoranthene	22.886	252	204912	0.824	ng	# 95
38) Benzo(k)fluoranthene	22.927	252	219977	0.832	ng	# 94
39) Benzo(a)pyrene	23.461	252	184547	0.799	ng	# 92
40) Dibenzo(a,h)anthracene	25.830	278	147084	0.710	ng	# 91
41) Benzo(g,h,i)perylene	26.504	276	159412	0.751	ng	# 89

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

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