Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN063021\
Data File : BN015219.D
Acq On : 30 Jun 2021 12:43
Operator : CG/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICCC0.4

Quant Time: Jun 30 13:23:34 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	19500	0.400	ng	# 0.00
7) Naphthalene-d8	10.493	136	85343	0.400	ng	# 0.00
13) Acenaphthene-d10	14.346	164	43389	0.400	ng	0.00
19) Phenanthrene-d10	17.091	188	81881	0.400	ng	0.00
29) Chrysene-d12	21.303	240	73814	0.400	ng	# 0.00
35) Perylene-d12	23.550	264	64496	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.362	112	19086	0.452	ng	0.00
5) Phenol-d6	6.902	99	24171	0.375	ng	0.00
8) Nitrobenzene-d5	8.870	82	16057	0.206	ng	0.00
11) 2-Methylnaphthalene-d10	12.088	152	55114	0.394	ng	0.00
14) 2,4,6-Tribromophenol	15.843	330	3230	0.239	ng	0.00
15) 2-Fluorobiphenyl	12.963	172	70667	0.388	ng	0.00
27) Fluoranthene-d10	19.133	212	89871	0.361	ng	0.00
31) Terphenyl-d14	19.739	244	67942	0.417	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.352	88	3604	0.637	ng	# 58
3) n-Nitrosodimethylamine	3.693	42	6488	0.566	ng	# 69
6) bis(2-Chloroethyl)ether	7.169	93	25253	0.408	ng	# 84
9) Naphthalene	10.543	128	98784	0.401	ng	97
10) Hexachlorobutadiene	10.835	225	18438	0.373	ng	# 99
12) 2-Methylnaphthalene	12.159	142	63415	0.404	ng	# 90
16) Acenaphthylene	14.067	152	69900	0.315	ng	98
17) Acenaphthene	14.409	154	52670	0.380	ng	100
18) Fluorene	15.399	166	65177	0.390	ng	98
20) 4,6-Dinitro-2-methylph...	15.488	198	252	0.125	ng	92
21) 4-Bromophenyl-phenylether	16.288	248	20198	0.357	ng	# 83
22) Hexachlorobenzene	16.410	284	23648	0.350	ng	# 91
23) Atrazine	16.556	200	8912	0.283	ng	93
24) Pentachlorophenol	16.751	266	1595	0.211	ng	98
25) Phenanthrene	17.128	178	105015	0.376	ng	99
26) Anthracene	17.225	178	84884	0.349	ng	99
28) Fluoranthene	19.163	202	113379	0.375	ng	# 97
30) Pyrene	19.530	202	110202	0.411	ng	99
32) Benzo(a)anthracene	21.281	228	95304	0.376	ng	98
33) Chrysene	21.335	228	109948	0.395	ng	98
34) Bis(2-ethylhexyl)phtha...	21.228	149	20517	0.235	ng	# 86
36) Indeno(1,2,3-cd)pyrene	25.813	276	88540	0.335	ng	# 89
37) Benzo(b)fluoranthene	22.876	252	100019	0.392	ng	# 95
38) Benzo(k)fluoranthene	22.921	252	108715	0.401	ng	# 94
39) Benzo(a)pyrene	23.455	252	90519	0.382	ng	# 90
40) Dibenzo(a,h)anthracene	25.827	278	68789	0.324	ng	# 91
41) Benzo(g,h,i)perylene	26.497	276	77242	0.355	ng	# 89

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

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