Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN063021\
Data File : BN015224.D
Acq On : 30 Jun 2021 16:10
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : ICVBN063021

Quant Time: Jul 01 09:32:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 01 09:06:31 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	17660	0.400	ng	# 0.00
7) Naphthalene-d8	10.492	136	77539	0.400	ng	0.00
13) Acenaphthene-d10	14.345	164	39472	0.400	ng	0.00
19) Phenanthrene-d10	17.091	188	73849	0.400	ng	0.00
29) Chrysene-d12	21.313	240	65526	0.400	ng	# 0.00
35) Perylene-d12	23.564	264	60693	0.400	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.343	112	18390	0.409	ng	-0.02
5) Phenol-d6	6.892	99	22845	0.403	ng	0.00
8) Nitrobenzene-d5	8.857	82	17656	0.407	ng	-0.01
11) 2-Methylnaphthalene-d10	12.083	152	49776	0.388	ng	0.00
14) 2,4,6-Tribromophenol	15.843	330	3335	0.416	ng	0.00
15) 2-Fluorobiphenyl	12.962	172	64133	0.400	ng	0.00
27) Fluoranthene-d10	19.138	212	81892	0.375	ng	0.00
31) Terphenyl-d14	19.744	244	62043	0.405	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.342	88	3391	0.410	ng	# 58
3) n-Nitrosodimethylamine	3.684	42	6124	0.395	ng	# 74
6) bis(2-Chloroethyl)ether	7.160	93	22928	0.411	ng	# 85
9) Naphthalene	10.543	128	88891	0.400	ng	97
10) Hexachlorobutadiene	10.834	225	16781	0.401	ng	# 98
12) 2-Methylnaphthalene	12.154	142	57468	0.403	ng	# 89
16) Acenaphthylene	14.054	152	64581	0.369	ng	98
17) Acenaphthene	14.409	154	48030	0.392	ng	99
18) Fluorene	15.398	166	58553	0.392	ng	99
20) 4,6-Dinitro-2-methylph...	15.475	198	233	0.362	ng	94
21) 4-Bromophenyl-phenylether	16.288	248	18180	0.388	ng	# 88
22) Hexachlorobenzene	16.397	284	21114	0.397	ng	# 91
23) Atrazine	16.556	200	9592	0.410	ng	92
24) Pentachlorophenol	16.750	266	1730	0.435	ng	99
25) Phenanthrene	17.140	178	93576	0.393	ng	99
26) Anthracene	17.225	178	76619	0.376	ng	99
28) Fluoranthene	19.168	202	102022	0.399	ng	# 97
30) Pyrene	19.530	202	100085	0.401	ng	99
32) Benzo(a)anthracene	21.292	228	85728	0.381	ng	98
33) Chrysene	21.345	228	97478	0.398	ng	97
34) Bis(2-ethylhexyl)phtha...	21.239	149	20901	0.409	ng	# 87
36) Indeno(1,2,3-cd)pyrene	25.826	276	84224	0.387	ng	# 89
37) Benzo(b)fluoranthene	22.889	252	92370	0.388	ng	# 94
38) Benzo(k)fluoranthene	22.934	252	99536	0.392	ng	# 94
39) Benzo(a)pyrene	23.468	252	85291	0.392	ng	# 86
40) Dibenzo(a,h)anthracene	25.847	278	65330	0.383	ng	# 91
41) Benzo(g,h,i)perylene	26.514	276	71979	0.382	ng	# 89

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

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