Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN063021\
Data File : BN015227.D
Acq On : 30 Jun 2021 18:00
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED
mohammad
7/1/2021 2:53:49 PM

Quant Time: Jul 01 09:32:14 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	7.731	152	20968	0.400	ng	# 0.00
7) Naphthalene-d8	10.492	136	91583	0.400	ng	# 0.00
13) Acenaphthene-d10	14.346	164	46650	0.400	ng	0.00
19) Phenanthrene-d10	17.091	188	87900	0.400	ng	0.00
29) Chrysene-d12	21.302	240	77106	0.400	ng	# 0.00
35) Perylene-d12	23.547	264	69236	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.343	112	21341	0.399	ng	-0.02
5) Phenol-d6	6.902	99	26384	0.392	ng	0.00
8) Nitrobenzene-d5	8.870	82	19846	0.387	ng	0.00
11) 2-Methylnaphthalene-d10	12.088	152	58432	0.385	ng	0.00
14) 2,4,6-Tribromophenol	15.843	330	4080	0.423	ng	0.00
15) 2-Fluorobiphenyl	12.963	172	75152	0.397	ng	0.00
27) Fluoranthene-d10	19.133	212	95990	0.370	ng	0.00
31) Terphenyl-d14	19.734	244	72751	0.403	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.352	88	4457m	0.453	ng	
3) n-Nitrosodimethylamine	3.684	42	7183	0.390	ng	# 72
6) bis(2-Chloroethyl)ether	7.169	93	27056	0.409	ng	# 84
9) Naphthalene	10.543	128	104788	0.399	ng	97
10) Hexachlorobutadiene	10.834	225	19928	0.403	ng	# 99
12) 2-Methylnaphthalene	12.159	142	67692	0.402	ng	# 90
16) Acenaphthylene	14.066	152	76550	0.370	ng	98
17) Acenaphthene	14.409	154	56754	0.392	ng	99
18) Fluorene	15.399	166	69042	0.391	ng	99
20) 4,6-Dinitro-2-methylph...	15.475	198	398	0.431	ng	# 81
21) 4-Bromophenyl-phenylether	16.288	248	21107	0.379	ng	# 82
22) Hexachlorobenzene	16.410	284	24646	0.389	ng	# 91
23) Atrazine	16.556	200	11128	0.404	ng	93
24) Pentachlorophenol	16.750	266	2270	0.454	ng	99
25) Phenanthrene	17.128	178	111725	0.395	ng	99
26) Anthracene	17.225	178	89755	0.370	ng	99
28) Fluoranthene	19.163	202	120794	0.397	ng	# 97
30) Pyrene	19.525	202	117294	0.400	ng	99
32) Benzo(a)anthracene	21.281	228	100177	0.379	ng	98
33) Chrysene	21.334	228	113570	0.394	ng	97
34) Bis(2-ethylhexyl)phtha...	21.217	149	24692	0.410	ng	# 86
36) Indeno(1,2,3-cd)pyrene	25.806	276	93704	0.378	ng	# 89
37) Benzo(b)fluoranthene	22.872	252	105728	0.390	ng	# 94
38) Benzo(k)fluoranthene	22.917	252	114386	0.395	ng	# 94
39) Benzo(a)pyrene	23.451	252	96764	0.390	ng	# 87
40) Dibenzo(a,h)anthracene	25.820	278	71800	0.369	ng	# 91
41) Benzo(g,h,i)perylene	26.494	276	78972	0.368	ng	# 89

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

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