Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042822\
Data File : BN019552.D
Acq On : 27 Apr 2022 19:29
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN042822

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022

Quant Time: Apr 28 02:59:06 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN042822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 28 02:56:24 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.883	152	4475	0.400	ng	0.00
7) Naphthalene-d8	10.669	136	12079	0.400	ng	0.00
13) Acenaphthene-d10	14.495	164	5850	0.400	ng	0.00
19) Phenanthrene-d10	17.236	188	10770	0.400	ng	0.00
29) Chrysene-d12	21.413	240	8966	0.400	ng	0.00
35) Perylene-d12	23.770	264	8206	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.464	112	4451	0.403	ng	0.00
5) Phenol-d6	7.038	99	5271	0.399	ng	0.00
8) Nitrobenzene-d5	9.025	82	3317	0.386	ng	0.00
11) 2-Methylnaphthalene-d10	12.257	152	7341	0.392	ng	0.00
14) 2,4,6-Tribromophenol	15.974	330	676	0.361	ng	-0.01
15) 2-Fluorobiphenyl	13.127	172	10326	0.412	ng	0.00
27) Fluoranthene-d10	19.261	212	11873	0.387	ng	0.00
31) Terphenyl-d14	19.860	244	8081	0.410	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.384	88	2141	0.409	ng	98
3) n-Nitrosodimethylamine	3.702	42	1543m	0.378	ng	
6) bis(2-Chloroethyl)ether	7.306	93	4522	0.401	ng	99
9) Naphthalene	10.722	128	13849	0.401	ng	100
10) Hexachlorobutadiene	11.021	225	2661	0.407	ng	# 100
12) 2-Methylnaphthalene	12.329	142	8596	0.396	ng	99
16) Acenaphthylene	14.217	152	10107	0.383	ng	100
17) Acenaphthene	14.559	154	7537	0.399	ng	99
18) Fluorene	15.543	166	9022	0.391	ng	100
20) 4,6-Dinitro-2-methylph...	15.607	198	511	0.422	ng	98
21) 4-Bromophenyl-phenylether	16.426	248	2670	0.405	ng	95
22) Hexachlorobenzene	16.549	284	3164	0.411	ng	99
23) Atrazine	16.692	200	1436	0.368	ng	97
24) Pentachlorophenol	16.887	266	908	0.349	ng	97
25) Phenanthrene	17.277	178	14424	0.400	ng	100
26) Anthracene	17.359	178	11534	0.387	ng	100
28) Fluoranthene	19.291	202	14834	0.381	ng	100
30) Pyrene	19.653	202	15121	0.411	ng	100
32) Benzo(a)anthracene	21.396	228	12653	0.391	ng	98
33) Chrysene	21.449	228	14477	0.410	ng	100
34) Bis(2-ethylhexyl)phtha...	21.342	149	5460	0.369	ng	99
36) Indeno(1,2,3-cd)pyrene	26.185	276	15462	0.392	ng	100
37) Benzo(b)fluoranthene	23.054	252	13114	0.391	ng	99
38) Benzo(k)fluoranthene	23.100	252	13847	0.410	ng	98
39) Benzo(a)pyrene	23.662	252	9930	0.380	ng	98
40) Dibenzo(a,h)anthracene	26.211	278	12534	0.391	ng	99
41) Benzo(g,h,i)perylene	26.922	276	13340	0.393	ng	99

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

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