Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032522\
Data File : BN019157.D
Acq On : 25 Mar 2022 15:07
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/29/2022

Quant Time: Mar 25 17:05:40 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 25 17:03:54 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.847	152	4283	0.400	ng		0.00
7) Naphthalene-d8	10.647	136	11490	0.400	ng	#	0.00
13) Acenaphthene-d10	14.484	164	6778	0.400	ng		0.00
19) Phenanthrene-d10	17.225	188	14245	0.400	ng		0.00
29) Chrysene-d12	21.413	240	10105	0.400	ng	#	0.00
35) Perylene-d12	23.784	264	8599	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.399	112	2154	0.224	ng		0.00
5) Phenol-d6	7.002	99	2264	0.225	ng		0.00
8) Nitrobenzene-d5	9.003	82	1774	0.214	ng		0.01
11) 2-Methylnaphthalene-d10	12.238	152	3525	0.185	ng		0.00
14) 2,4,6-Tribromophenol	15.974	330	605	0.185	ng		0.00
15) 2-Fluorobiphenyl	13.105	172	5743	0.211	ng		0.00
27) Fluoranthene-d10	19.257	212	7902	0.187	ng		0.00
31) Terphenyl-d14	19.855	244	4677	0.188	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.239	88	1286	0.243	ng		92
3) n-Nitrosodimethylamine	3.564	42	1267	0.205	ng	#	97
6) bis(2-Chloroethyl)ether	7.262	93	2509	0.210	ng		99
9) Naphthalene	10.701	128	6340	0.194	ng		98
10) Hexachlorobutadiene	11.000	225	1468	0.184	ng	#	100
12) 2-Methylnaphthalene	12.314	142	4118	0.185	ng		98
16) Acenaphthylene	14.206	152	5554	0.177	ng		99
17) Acenaphthene	14.548	154	4218	0.191	ng		99
18) Fluorene	15.532	166	5240	0.188	ng		99
20) 4,6-Dinitro-2-methylph...	15.618	198	382	0.217	ng	#	45
21) 4-Bromophenyl-phenylether	16.415	248	1761	0.196	ng	#	82
22) Hexachlorobenzene	16.538	284	2177	0.188	ng		99
23) Atrazine	16.682	200	1287	0.192	ng		99
24) Pentachlorophenol	16.887	266	662	0.186	ng		98
25) Phenanthrene	17.266	178	8673	0.195	ng		99
26) Anthracene	17.359	178	6801	0.181	ng		99
28) Fluoranthene	19.286	202	9571	0.183	ng		99
30) Pyrene	19.649	202	9825	0.195	ng		100
32) Benzo(a)anthracene	21.395	228	5967	0.192	ng		97
33) Chrysene	21.449	228	7972	0.190	ng		98
34) Bis(2-ethylhexyl)phtha...	21.324	149	4698	0.228	ng	#	100
36) Indeno(1,2,3-cd)pyrene	26.240	276	6296m	0.203	ng		
37) Benzo(b)fluoranthene	23.062	252	5799	0.185	ng	#	80
38) Benzo(k)fluoranthene	23.112	252	7002	0.163	ng	#	83
39) Benzo(a)pyrene	23.685	252	4945	0.173	ng	#	50
40) Dibenzo(a,h)anthracene	26.258	278	4568m	0.189	ng		
41) Benzo(g,h,i)perylene	26.983	276	6344	0.208	ng		96

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

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