Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033122\
Data File : BN019247.D
Acq On : 31 Mar 2022 08:41
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 04/01/2022
Supervised By :Jagrut Upadhyay 04/01/2022

Quant Time: Mar 31 12:16:45 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN033122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 31 12:15:51 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.833	152	4865	0.400	ng		0.00
7) Naphthalene-d8	10.637	136	13021	0.400	ng		# 0.00
13) Acenaphthene-d10	14.474	164	7932	0.400	ng		0.00
19) Phenanthrene-d10	17.215	188	16072	0.400	ng		0.00
29) Chrysene-d12	21.404	240	11547	0.400	ng		# 0.00
35) Perylene-d12	23.764	264	10304	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.392	112	2254	0.192	ng		0.00
5) Phenol-d6	7.002	99	2028	0.159	ng		0.00
8) Nitrobenzene-d5	8.993	82	1708	0.172	ng		0.00
11) 2-Methylnaphthalene-d10	12.238	152	3878	0.190	ng		0.00
14) 2,4,6-Tribromophenol	15.974	330	622	0.157	ng		0.01
15) 2-Fluorobiphenyl	13.105	172	6090	0.179	ng		0.00
27) Fluoranthene-d10	19.249	212	8989	0.187	ng		0.00
31) Terphenyl-d14	19.851	244	5124	0.198	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.225	88	1462	0.223	ng		92
3) n-Nitrosodimethylamine	3.557	42	1388	0.199	ng	#	94
6) bis(2-Chloroethyl)ether	7.255	93	2507	0.182	ng		96
9) Naphthalene	10.690	128	7423	0.198	ng		98
10) Hexachlorobutadiene	10.979	225	1787	0.204	ng	#	99
12) 2-Methylnaphthalene	12.310	142	4522	0.188	ng		97
16) Acenaphthylene	14.196	152	6330	0.172	ng		99
17) Acenaphthene	14.538	154	4868	0.186	ng		99
18) Fluorene	15.522	166	5986	0.183	ng		100
20) 4,6-Dinitro-2-methylph...	15.618	198	310	0.134	ng	#	27
21) 4-Bromophenyl-phenylether	16.415	248	1827	0.170	ng	#	94
22) Hexachlorobenzene	16.528	284	2652	0.196	ng		99
23) Atrazine	16.682	200	1282	0.177	ng		93
24) Pentachlorophenol	16.877	266	635	0.130	ng		98
25) Phenanthrene	17.256	178	9185	0.177	ng		99
26) Anthracene	17.349	178	6972	0.161	ng		99
28) Fluoranthene	19.278	202	11149	0.183	ng		99
30) Pyrene	19.641	202	11476	0.195	ng		100
32) Benzo(a)anthracene	21.395	228	6365	0.150	ng		97
33) Chrysene	21.440	228	8223	0.156	ng		99
34) Bis(2-ethylhexyl)phtha...	21.315	149	4762	0.153	ng		100
36) Indeno(1,2,3-cd)pyrene	26.214	276	7665m	0.177	ng		
37) Benzo(b)fluoranthene	23.051	252	6442	0.115	ng	#	78
38) Benzo(k)fluoranthene	23.098	252	6911m	0.099	ng		
39) Benzo(a)pyrene	23.665	252	6561	0.160	ng	#	53
40) Dibenzo(a,h)anthracene	26.232	278	5353m	0.162	ng		
41) Benzo(g,h,i)perylene	26.951	276	8008	0.169	ng		96

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

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