Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050422\
Data File : BN019665.D
Acq On : 04 May 2022 15:12
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN050422

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/05/2022
Supervised By :Jagrut Upadhyay 05/05/2022

Quant Time: May 04 18:33:47 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN050422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 15:20:22 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.869	152	5254	0.400	ng		0.00
7) Naphthalene-d8	10.658	136	14944	0.400	ng		# 0.01
13) Acenaphthene-d10	14.484	164	8203	0.400	ng		0.00
19) Phenanthrene-d10	17.215	188	17201	0.400	ng		0.00
29) Chrysene-d12	21.404	240	13330	0.400	ng		# 0.00
35) Perylene-d12	23.749	264	10745	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.449	112	4739	0.387	ng		0.00
5) Phenol-d6	7.024	99	5639	0.375	ng		0.00
8) Nitrobenzene-d5	9.014	82	4527	0.374	ng		0.01
11) 2-Methylnaphthalene-d10	12.242	152	9585	0.393	ng		0.00
14) 2,4,6-Tribromophenol	15.964	330	1010	0.333	ng		0.00
15) 2-Fluorobiphenyl	13.116	172	14354	0.406	ng		0.01
27) Fluoranthene-d10	19.248	212	18158	0.381	ng		0.00
31) Terphenyl-d14	19.847	244	12803	0.410	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.369	88	2434	0.400	ng		95
3) n-Nitrosodimethylamine	3.680	42	2434	0.387	ng	#	84
6) bis(2-Chloroethyl)ether	7.291	93	6092	0.401	ng		98
9) Naphthalene	10.701	128	16985	0.397	ng		100
10) Hexachlorobutadiene	11.000	225	3304	0.401	ng	#	99
12) 2-Methylnaphthalene	12.314	142	11133	0.397	ng		99
16) Acenaphthylene	14.196	152	14984	0.379	ng		99
17) Acenaphthene	14.538	154	10806	0.397	ng		98
18) Fluorene	15.521	166	13142	0.393	ng		100
20) 4,6-Dinitro-2-methylph...	15.596	198	963	0.368	ng		92
21) 4-Bromophenyl-phenylether	16.415	248	4254	0.383	ng	#	81
22) Hexachlorobenzene	16.538	284	4915	0.399	ng		98
23) Atrazine	16.682	200	2441	0.343	ng	#	93
24) Pentachlorophenol	16.877	266	1600	0.347	ng		96
25) Phenanthrene	17.256	178	22568	0.396	ng		99
26) Anthracene	17.348	178	18212	0.376	ng		98
28) Fluoranthene	19.278	202	22617	0.380	ng		99
30) Pyrene	19.640	202	22472	0.408	ng		100
32) Benzo(a)anthracene	21.386	228	17780	0.376	ng		99
33) Chrysene	21.440	228	20885	0.404	ng		99
34) Bis(2-ethylhexyl)phtha...	21.333	149	8784	0.351	ng		99
36) Indeno(1,2,3-cd)pyrene	26.158	276	18854	0.386	ng		99
37) Benzo(b)fluoranthene	23.036	252	17728m	0.399	ng		
38) Benzo(k)fluoranthene	23.083	252	18733	0.399	ng	#	91
39) Benzo(a)pyrene	23.644	252	13009	0.386	ng	#	91
40) Dibenzo(a,h)anthracene	26.170	278	15298	0.385	ng		97
41) Benzo(g,h,i)perylene	26.892	276	15323	0.389	ng		99

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

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