Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102722\
Data File : BN022340.D
Acq On : 26 Oct 2022 18:17
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 27 06:52:02 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 27 06:48:35 2022
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 10/27/2022
Supervised By :Jagrut Upadhyay 10/28/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.942	152	3269	0.400	ng	0.00
7) Naphthalene-d8	10.773	136	10081	0.400	ng	0.00
13) Acenaphthene-d10	14.610	164	5575	0.400	ng	0.00
19) Phenanthrene-d10	17.375	188	11976	0.400	ng	# 0.01
29) Chrysene-d12	21.573	240	9822	0.400	ng	0.00
35) Perylene-d12	24.040	264	8844	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.472	112	2270	0.300	ng	0.00
5) Phenol-d6	7.104	99	2760	0.281	ng	0.00
8) Nitrobenzene-d5	9.119	82	2120	0.262	ng	0.00
11) 2-Methylnaphthalene-d10	12.368	152	3826	0.206	ng	0.00
14) 2,4,6-Tribromophenol	16.109	330	562	0.264	ng	0.00
15) 2-Fluorobiphenyl	13.242	172	6088	0.250	ng	0.00
27) Fluoranthene-d10	19.411	212	8246	0.259	ng	0.00
31) Terphenyl-d14	20.006	244	6153	0.312	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.291	88	1211	0.286	ng	98
3) n-Nitrosodimethylamine	3.638	42	1262	0.274	ng	# 97
6) bis(2-Chloroethyl)ether	7.372	93	2683	0.258	ng	99
9) Naphthalene	10.816	128	7525	0.247	ng	99
10) Hexachlorobutadiene	11.104	225	1297	0.246	ng	# 100
12) 2-Methylnaphthalene	12.077	142	1348	0.299	ng	# 91
16) Acenaphthylene	14.333	152	6341	0.239	ng	100
17) Acenaphthene	14.675	154	4626	0.248	ng	99
18) Fluorene	15.669	166	6426	0.286	ng	99
20) 4,6-Dinitro-2-methylph...	15.761	198	388	0.227	ng	# 75
21) 4-Bromophenyl-phenylether	16.556	248	1803	0.247	ng	97
22) Hexachlorobenzene	16.667	284	2071	0.228	ng	99
23) Atrazine	16.829	200	1445	0.267	ng	96
24) Pentachlorophenol	17.027	266	681	0.245	ng	92
25) Phenanthrene	17.412	178	10229	0.248	ng	100
26) Anthracene	17.499	178	8329	0.252	ng	99
28) Fluoranthene	19.441	202	11113	0.252	ng	100
30) Pyrene	19.803	202	11387	0.264	ng	100
32) Benzo(a)anthracene	21.564	228	9502	0.257	ng	98
33) Chrysene	21.618	228	10164	0.248	ng	99
34) Bis(2-ethylhexyl)phtha...	21.475	149	8708	0.491	ng	99
36) Indeno(1,2,3-cd)pyrene	26.619	276	11205	0.251	ng	100
37) Benzo(b)fluoranthene	23.283	252	9812	0.234	ng	97
38) Benzo(k)fluoranthene	23.333	252	9968m	0.239	ng	
39) Benzo(a)pyrene	23.929	252	8030	0.251	ng	92
40) Dibenzo(a,h)anthracene	26.645	278	8753	0.246	ng	96
41) Benzo(g,h,i)perylene	27.420	276	9256	0.241	ng	97

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

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