Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040221\
Data File : BN014194.D
Acq On : 02 Apr 2021 17:00
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN040221

Manual Integrations APPROVED
mohammad
4/5/2021 11:56:04 AM

Quant Time: Apr 02 18:05:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN040221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 02 18:03:30 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.684	152	4550	0.40	ng		0.00
7) Naphthalene-d8	10.454	136	16935	0.40	ng		0.00
13) Acenaphthene-d10	14.308	164	9788	0.40	ng		-0.01
19) Phenanthrene-d10	17.055	188	20724	0.40	ng		0.00
29) Chrysene-d12	21.247	240	21690	0.40	ng		0.00
36) Perylene-d12	23.463	264	21359	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.284	112	4931	0.40	ng		0.00
5) Phenol-d6	6.855	99	6254	0.40	ng		0.00
8) Nitrobenzene-d5	8.819	82	4887	0.38	ng		-0.01
11) 2-Methylnaphthalene-d10	12.053	152	14866	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.805	330	1236	0.34	ng		0.00
15) 2-Fluorobiphenyl	12.938	172	14721	0.40	ng		0.00
27) Fluoranthene-d10	19.096	212	32264	0.39	ng		0.00
31) Terphenyl-d14	19.697	244	20706	0.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.223	88	2210	0.39	ng		99
3) n-Nitrosodimethylamine	3.561	42	1463	0.34	ng	#	97
6) bis(2-Chloroethyl)ether	7.112	93	5089	0.41	ng		99
9) Naphthalene	10.505	128	18297	0.40	ng		100
10) Hexachlorobutadiene	10.797	225	3407	0.40	ng	#	99
12) 2-Methylnaphthalene	12.124	142	12372	0.41	ng		98
16) Acenaphthylene	14.029	152	15434	0.38	ng		100
17) Acenaphthene	14.372	154	11287	0.40	ng		100
18) Fluorene	15.361	166	14189	0.39	ng		100
20) 4,6-Dinitro-2-methylph...	15.450	198	942	0.33	ng		92
21) 4-Bromophenyl-phenylether	16.252	248	4595	0.39	ng	#	64
22) Hexachlorobenzene	16.373	284	5139	0.40	ng		100
23) Atrazine	16.532	200	2984	0.36	ng		100
24) Pentachlorophenol	16.714	266	781	0.28	ng		96
25) Phenanthrene	17.104	178	23916	0.39	ng		100
26) Anthracene	17.189	178	19916	0.38	ng		100
28) Fluoranthene	19.126	202	27695	0.38	ng		100
30) Pyrene	19.488	202	28133	0.40	ng		100
32) Benzo(a)anthracene	21.226	228	27384	0.39	ng		97
33) Chrysene	21.279	228	29190	0.40	ng		99
34) Bis(2-ethylhexyl)phtha...	21.162	149	10275	0.33	ng		98
35) Indeno(1,2,3-cd)pyrene	25.684	276	34666	0.40	ng		99
37) Benzo(b)fluoranthene	22.799	252	31611m	0.40	ng		
38) Benzo(k)fluoranthene	22.843	252	31184	0.41	ng		99
39) Benzo(a)pyrene	23.367	252	28702	0.41	ng	#	94
40) Dibenzo(a,h)anthracene	25.701	278	29173	0.39	ng		99
41) Benzo(g,h,i)perylene	26.365	276	29920	0.39	ng		99

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

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