Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040323\
Data File : BN024730.D
Acq On : 03 Apr 2023 15:29
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN040323

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/04/2023

Quant Time: Apr 04 03:14:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN040323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 04 03:11:39 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.997	152	8468	0.400	ng		0.00
7) Naphthalene-d8	10.813	136	24265	0.400	ng	#	0.01
13) Acenaphthene-d10	14.633	164	12519	0.400	ng		0.00
19) Phenanthrene-d10	17.376	188	26014	0.400	ng		0.00
29) Chrysene-d12	21.565	240	16805	0.400	ng	#	0.00
35) Perylene-d12	24.056	264	12881	0.400	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.541	112	8126	0.422	ng		0.00
5) Phenol-d6	7.152	99	10518	0.434	ng		0.00
8) Nitrobenzene-d5	9.158	82	8016	0.423	ng		0.00
11) 2-Methylnaphthalene-d10	12.391	152	12626	0.406	ng		0.00
14) 2,4,6-Tribromophenol	16.122	330	2038	0.378	ng		0.00
15) 2-Fluorobiphenyl	13.254	172	21115	0.432	ng		0.00
27) Fluoranthene-d10	19.408	212	21672	0.393	ng		0.00
31) Terphenyl-d14	19.998	244	20905	0.430	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.403	88	3784	0.433	ng		98
3) n-Nitrosodimethylamine	3.736	42	6343	0.433	ng		100
6) bis(2-Chloroethyl)ether	7.412	93	9950	0.418	ng		100
9) Naphthalene	10.856	128	25910	0.413	ng		99
10) Hexachlorobutadiene	11.144	225	5203	0.417	ng	#	99
12) 2-Methylnaphthalene	12.467	142	17153	0.407	ng		99
16) Acenaphthylene	14.355	152	20533	0.394	ng		99
17) Acenaphthene	14.697	154	15248m	0.421	ng		
18) Fluorene	15.680	166	20102	0.405	ng		100
20) 4,6-Dinitro-2-methylph...	15.762	198	622	0.422	ng		87
21) 4-Bromophenyl-phenylether	16.569	248	6229	0.400	ng		94
22) Hexachlorobenzene	16.681	284	7679	0.419	ng		99
23) Atrazine	16.830	200	3590	0.378	ng		99
24) Pentachlorophenol	17.028	266	2056	0.318	ng		98
25) Phenanthrene	17.413	178	30437	0.405	ng		100
26) Anthracene	17.512	178	24855	0.382	ng		99
28) Fluoranthene	19.438	202	31269	0.391	ng		100
30) Pyrene	19.800	202	31009	0.439	ng		100
32) Benzo(a)anthracene	21.547	228	22820	0.424	ng		100
33) Chrysene	21.610	228	25235	0.424	ng		98
34) Bis(2-ethylhexyl)phtha...	21.467	149	10009	0.415	ng		100
36) Indeno(1,2,3-cd)pyrene	26.643	276	20668	0.423	ng		100
37) Benzo(b)fluoranthene	23.290	252	21815	0.417	ng		98
38) Benzo(k)fluoranthene	23.340	252	20685	0.396	ng		99
39) Benzo(a)pyrene	23.942	252	18458	0.415	ng		97
40) Dibenzo(a,h)anthracene	26.661	278	16113	0.418	ng		99
41) Benzo(g,h,i)perylene	27.442	276	18162	0.403	ng		100

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

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