Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040523\
Data File : BN024759.D
Acq On : 04 Apr 2023 22:54
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN040523

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/06/2023
Supervised By :Jagrut Upadhyay 04/06/2023

Quant Time: Apr 05 02:18:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN040523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 05 02:15:45 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.961	152	8712	0.400	ng		0.00
7) Naphthalene-d8	10.770	136	23594	0.400	ng		0.00
13) Acenaphthene-d10	14.590	164	13620	0.400	ng		-0.01
19) Phenanthrene-d10	17.338	188	30276	0.400	ng		0.00
29) Chrysene-d12	21.520	240	26211	0.400	ng		#-0.02
35) Perylene-d12	23.968	264	25527	0.400	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.505	112	8981	0.446	ng		0.00
5) Phenol-d6	7.116	99	11074	0.436	ng		0.00
8) Nitrobenzene-d5	9.115	82	8747	0.460	ng		-0.01
11) 2-Methylnaphthalene-d10	12.354	152	14740	0.472	ng		0.00
14) 2,4,6-Tribromophenol	16.097	330	2592	0.423	ng		0.01
15) 2-Fluorobiphenyl	13.221	172	24756	0.476	ng		0.00
27) Fluoranthene-d10	19.370	212	30315	0.442	ng		0.00
31) Terphenyl-d14	19.965	244	29303	0.493	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.353	88	4415	0.461	ng		98
3) n-Nitrosodimethylamine	3.685	42	7311	0.450	ng	#	98
6) bis(2-Chloroethyl)ether	7.376	93	11730	0.456	ng		100
9) Naphthalene	10.813	128	28010	0.461	ng		99
10) Hexachlorobutadiene	11.101	225	5437	0.470	ng	#	100
12) 2-Methylnaphthalene	12.429	142	19888	0.471	ng		99
16) Acenaphthylene	14.312	152	25239	0.441	ng		99
17) Acenaphthene	14.654	154	18082	0.467	ng		100
18) Fluorene	15.638	166	24745	0.465	ng		98
20) 4,6-Dinitro-2-methylph...	15.737	198	1478	0.436	ng		86
21) 4-Bromophenyl-phenylether	16.532	248	7891	0.442	ng		99
22) Hexachlorobenzene	16.643	284	9216	0.456	ng		100
23) Atrazine	16.805	200	5106	0.420	ng		99
24) Pentachlorophenol	17.078	266	1758m	0.419	ng		
25) Phenanthrene	17.376	178	39390	0.448	ng		100
26) Anthracene	17.475	178	32726	0.427	ng		100
28) Fluoranthene	19.400	202	43796	0.439	ng		100
30) Pyrene	19.762	202	44411	0.477	ng		100
32) Benzo(a)anthracene	21.511	228	40462	0.457	ng		100
33) Chrysene	21.565	228	43950	0.473	ng		100
34) Bis(2-ethylhexyl)phtha...	21.431	149	18297	0.384	ng		99
36) Indeno(1,2,3-cd)pyrene	26.503	276	50779m	0.454	ng		
37) Benzo(b)fluoranthene	23.220	252	44416	0.459	ng		98
38) Benzo(k)fluoranthene	23.269	252	42160	0.439	ng		100
39) Benzo(a)pyrene	23.857	252	41211	0.445	ng		96
40) Dibenzo(a,h)anthracene	26.526	278	39689m	0.451	ng		
41) Benzo(g,h,i)perylene	27.289	276	42924	0.450	ng		100

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

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