Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042820\
Data File : BN010633.D
Acq On : 28 Apr 2020 21:14
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED
mohammad
4/30/2020 12:05:26 AM

Quant Time: Apr 28 21:49:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 28 11:13:37 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	4259	0.40	ng		0.00
7) Naphthalene-d8	10.34	136	18052	0.40	ng		0.00
13) Acenaphthene-d10	14.21	164	11409	0.40	ng		0.00
19) Phenanthrene-d10	16.95	188	25903	0.40	ng		0.00
27) Chrysene-d12	21.16	240	21634	0.40	ng		0.00
34) Perylene-d12	23.33	264	20157	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.23	112	3969	0.43	ng		0.00
5) Phenol-d6	6.78	99	5186	0.43	ng		0.00
8) Nitrobenzene-d5	8.72	82	5064	0.40	ng		0.00
11) 2-Methylnaphthalene-d10	11.93	152	13602	0.46	ng		0.00
14) 2,4,6-Tribromophenol	15.71	330	1845	0.34	ng		0.00
15) 2-Fluorobiphenyl	12.83	172	16688	0.40	ng		0.00
25) Fluoranthene-d10	18.99	212	33160	0.42	ng		0.00
29) Terphenyl-d14	19.61	244	22574	0.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.24	88	1354	0.432	ng		99
3) n-Nitrosodimethylamine	3.55	42	880	0.433	ng	#	78
6) bis(2-Chloroethyl)ether	7.03	93	4446	0.421	ng		98
9) Naphthalene	10.39	128	18408	0.411	ng		99
10) Hexachlorobutadiene	10.70	225	4333	0.401	ng	#	100
12) 2-Methylnaphthalene	12.01	142	13216	0.410	ng		100
16) Acenaphthylene	13.92	152	18700	0.379	ng		100
17) Acenaphthene	14.27	154	12949	0.409	ng		100
18) Fluorene	15.26	166	16777	0.404	ng		100
20) 4-Bromophenyl-phenylether	16.16	248	5526	0.384	ng	#	74
21) Hexachlorobenzene	16.27	284	6800	0.414	ng		98
22) Pentachlorophenol	16.62	266	2107m	0.326	ng		
23) Phenanthrene	17.00	178	28350	0.405	ng		100
24) Anthracene	17.09	178	23846	0.373	ng		100
26) Fluoranthene	19.03	202	32952	0.378	ng		99
28) Pyrene	19.39	202	33168	0.455	ng		100
30) Benzo(a)anthracene	21.14	228	27086	0.384	ng		99
31) Chrysene	21.20	228	28332	0.403	ng		99
32) Bis(2-ethylhexyl)phthalate	21.10	149	13605	0.376	ng		100
33) Indeno(1,2,3-cd)pyrene	25.47	276	29078	0.468	ng		99
35) Benzo(b)fluoranthene	22.69	252	25956	0.391	ng		99
36) Benzo(k)fluoranthene	22.73	252	27817	0.418	ng		97
37) Benzo(a)pyrene	23.24	252	23509	0.400	ng		99
38) Dibenzo(a,h)anthracene	25.48	278	23309	0.434	ng		99
39) Benzo(g,h,i)perylene	26.12	276	23753	0.439	ng		99

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

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