Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031820\
Data File : BN010281.D
Acq On : 19 Mar 2020 01:44
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Manual Integrations APPROVED
mohammad
3/19/2020 2:43:29 PM

Quant Time: Mar 19 02:16:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 16 02:17:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	3875	0.40	ng		0.00
7) Naphthalene-d8	10.38	136	13408	0.40	ng		-0.01
13) Acenaphthene-d10	14.25	164	8055	0.40	ng		-0.01
19) Phenanthrene-d10	16.99	188	19406	0.40	ng		-0.01
27) Chrysene-d12	21.17	240	20041	0.40	ng		-0.02
34) Perylene-d12	23.35	264	22512	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.25	112	3026	0.33	ng		-0.02
5) Phenol-d6	6.80	99	3739	0.33	ng		-0.02
8) Nitrobenzene-d5	8.76	82	3181	0.40	ng		-0.01
11) 2-Methylnaphthalene-d10	11.97	152	8459	0.38	ng		-0.02
14) 2,4,6-Tribromophenol	15.73	330	1089	0.38	ng		-0.02
15) 2-Fluorobiphenyl	12.86	172	12780	0.45	ng		-0.01
25) Fluoranthene-d10	19.02	212	22028	0.37	ng		-0.02
29) Terphenyl-d14	19.63	244	17780	0.39	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	1507	0.399	ng	#	52
3) n-Nitrosodimethylamine	3.57	42	1121	0.335	ng	#	40
6) bis(2-Chloroethyl)ether	7.06	93	3782	0.399	ng		96
9) Naphthalene	10.43	128	13309	0.396	ng		96
10) Hexachlorobutadiene	10.73	225	3331	0.431	ng	#	97
12) 2-Methylnaphthalene	12.05	142	9239	0.383	ng		94
16) Acenaphthylene	13.96	152	12024	0.323	ng		99
17) Acenaphthene	14.30	154	8957	0.397	ng		97
18) Fluorene	15.29	166	11989	0.390	ng		99
20) 4-Bromophenyl-phenylether	16.19	248	4525	0.406	ng	#	92
21) Hexachlorobenzene	16.31	284	4888	0.449	ng		99
22) Pentachlorophenol	16.65	266	1288	0.383	ng		91
23) Phenanthrene	17.03	178	20749	0.403	ng		100
24) Anthracene	17.11	178	16920	0.330	ng		99
26) Fluoranthene	19.05	202	25006	0.383	ng		99
28) Pyrene	19.41	202	24933	0.372	ng		100
30) Benzo(a)anthracene	21.16	228	23364	0.343	ng		99
31) Chrysene	21.22	228	27722	0.413	ng		97
32) Bis(2-ethylhexyl)phthalate	21.12	149	6818	0.235	ng	#	96
33) Indeno(1,2,3-cd)pyrene	25.49	276	34648	0.435	ng		99
35) Benzo(b)fluoranthene	22.70	252	27261	0.394	ng		99
36) Benzo(k)fluoranthene	22.75	252	28924m	0.414	ng		
37) Benzo(a)pyrene	23.26	252	23179	0.355	ng		98
38) Dibenzo(a,h)anthracene	25.51	278	28615	0.437	ng		99
39) Benzo(g,h,i)perylene	26.14	276	26525	0.405	ng		97

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

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