Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062320\
Data File : BN011034.D
Acq On : 23 Jun 2020 17:03
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC1.6

Quant Time: Jun 23 17:43:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN062320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 23 16:32:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	2683	0.40	ng		0.00
7) Naphthalene-d8	10.27	136	8678	0.40	ng		0.00
13) Acenaphthene-d10	14.14	164	4647	0.40	ng		0.00
19) Phenanthrene-d10	16.90	188	9672	0.40	ng		0.00
29) Chrysene-d12	21.11	240	9985	0.40	ng		-0.01
36) Perylene-d12	23.26	264	8443	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.19	112	12551	2.38	ng		0.00
5) Phenol-d6	6.73	99	15729	2.46	ng		0.02
8) Nitrobenzene-d5	8.66	82	12982	2.07	ng		0.01
11) 2-Methylnaphthalene-d10	11.86	152	24709	1.83	ng		0.00
14) 2,4,6-Tribromophenol	15.64	330	3439	2.08	ng		0.00
15) 2-Fluorobiphenyl	12.76	172	41135	2.33	ng		0.00
27) Fluoranthene-d10	18.94	212	48774	1.92	ng		0.00
31) Terphenyl-d14	19.55	244	41008	1.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.24	88	6464	2.461	ng		100
3) n-Nitrosodimethylamine	3.55	42	3585	2.326	ng	#	90
6) bis(2-Chloroethyl)ether	6.97	93	12835	2.078	ng		98
9) Naphthalene	10.32	128	42618	1.982	ng		99
10) Hexachlorobutadiene	10.62	225	10343	1.968	ng	#	99
12) 2-Methylnaphthalene	11.94	142	28762	1.944	ng		99
16) Acenaphthylene	13.85	152	39698	2.107	ng		100
17) Acenaphthene	14.21	154	25773	2.006	ng		99
18) Fluorene	15.20	166	32537	1.951	ng		99
20) 4,6-Dinitro-2-methylphenol	15.30	198	2705	2.316	ng	#	65
21) 4-Bromophenyl-phenylether	16.09	248	11852	2.128	ng		96
22) Hexachlorobenzene	16.22	284	12311	2.087	ng		98
23) Atrazine	16.39	200	8540	2.501	ng		96
24) Pentachlorophenol	16.56	266	3998	2.022	ng		96
25) Phenanthrene	16.93	178	52285	1.996	ng		100
26) Anthracene	17.03	178	44154	2.028	ng		100
28) Fluoranthene	18.97	202	58889	2.025	ng		100
30) Pyrene	19.33	202	58238	1.814	ng		99
32) Benzo(a)anthracene	21.10	228	55731	1.931	ng		98
33) Chrysene	21.14	228	59641	1.806	ng		99
34) Bis(2-ethylhexyl)phthalate	21.06	149	21185	2.067	ng		99
35) Indeno(1,2,3-cd)pyrene	25.35	276	71208	1.951	ng		100
37) Benzo(b)fluoranthene	22.62	252	56573	2.008	ng	#	92
38) Benzo(k)fluoranthene	22.66	252	58768	1.971	ng	#	91
39) Benzo(a)pyrene	23.16	252	48875	2.003	ng	#	89
40) Dibenzo(a,h)anthracene	25.37	278	58895	2.168	ng		94
41) Benzo(g,h,i)perylene	25.99	276	54616	1.934	ng		97

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

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