Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062320\
Data File : BN011033.D
Acq On : 23 Jun 2020 16:27
Operator : CG/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.8

Quant Time: Jun 23 17:10:07 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	2795	0.40	ng		0.00
7) Naphthalene-d8	10.27	136	8588	0.40	ng		0.00
13) Acenaphthene-d10	14.14	164	4739	0.40	ng		0.00
19) Phenanthrene-d10	16.90	188	8687	0.40	ng		0.00
29) Chrysene-d12	21.11	240	8683	0.40	ng		0.00
36) Perylene-d12	23.26	264	7803	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.19	112	5674	1.03	ng		0.00
5) Phenol-d6	6.73	99	6341	0.95	ng		0.02
8) Nitrobenzene-d5	8.66	82	5803	0.94	ng		0.01
11) 2-Methylnaphthalene-d10	11.86	152	11110	0.83	ng		0.00
14) 2,4,6-Tribromophenol	15.64	330	1539	0.91	ng		0.00
15) 2-Fluorobiphenyl	12.76	172	15976	0.89	ng		0.00
27) Fluoranthene-d10	18.94	212	20368	0.89	ng		0.00
31) Terphenyl-d14	19.55	244	17647	0.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.24	88	2871	1.049	ng		98
3) n-Nitrosodimethylamine	3.55	42	1572	0.979	ng	#	83
6) bis(2-Chloroethyl)ether	6.97	93	5635	0.876	ng		99
9) Naphthalene	10.32	128	22405	1.053	ng		99
10) Hexachlorobutadiene	10.61	225	5226	1.005	ng	#	100
12) 2-Methylnaphthalene	11.94	142	12913	0.882	ng		100
16) Acenaphthylene	13.85	152	16970	0.883	ng		99
17) Acenaphthene	14.21	154	11959	0.913	ng		99
18) Fluorene	15.20	166	14283	0.840	ng		98
20) 4,6-Dinitro-2-methylphenol	15.30	198	1037	0.988	ng	#	85
21) 4-Bromophenyl-phenylether	16.09	248	4532	0.906	ng		95
22) Hexachlorobenzene	16.22	284	5083	0.960	ng		99
23) Atrazine	16.39	200	3306	1.078	ng		97
24) Pentachlorophenol	16.56	266	1451	0.817	ng		100
25) Phenanthrene	16.93	178	22438	0.954	ng		100
26) Anthracene	17.03	178	18463	0.944	ng		100
28) Fluoranthene	18.97	202	25018	0.958	ng		100
30) Pyrene	19.33	202	25486	0.913	ng		99
32) Benzo(a)anthracene	21.09	228	22127	0.882	ng		99
33) Chrysene	21.14	228	24695	0.860	ng		99
34) Bis(2-ethylhexyl)phthalate	21.06	149	8540	0.958	ng		100
35) Indeno(1,2,3-cd)pyrene	25.36	276	30336	0.956	ng		100
37) Benzo(b)fluoranthene	22.62	252	23975	0.921	ng		96
38) Benzo(k)fluoranthene	22.67	252	25042	0.909	ng		94
39) Benzo(a)pyrene	23.16	252	20520	0.910	ng		94
40) Dibenzo(a,h)anthracene	25.37	278	24281	0.967	ng		96
41) Benzo(g,h,i)perylene	25.99	276	25948	0.994	ng		97

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

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