Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN063020\
Data File : BN011077.D
Acq On : 30 Jun 2020 12:19
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC1.6

Quant Time: Jun 30 12:50:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN063020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 30 11:38:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	1862	0.40	ng		0.00
7) Naphthalene-d8	10.27	136	5952	0.40	ng		0.00
13) Acenaphthene-d10	14.13	164	3133	0.40	ng		0.00
19) Phenanthrene-d10	16.89	188	6356	0.40	ng		-0.01
29) Chrysene-d12	21.10	240	6223	0.40	ng		-0.01
36) Perylene-d12	23.25	264	5594	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.18	112	8331	1.59	ng		0.00
5) Phenol-d6	6.72	99	9298	1.50	ng		0.00
8) Nitrobenzene-d5	8.66	82	8956	1.65	ng		0.00
11) 2-Methylnaphthalene-d10	11.86	152	16647	1.59	ng		0.00
14) 2,4,6-Tribromophenol	15.64	330	2164	1.57	ng		-0.01
15) 2-Fluorobiphenyl	12.75	172	24585	1.68	ng		-0.01
27) Fluoranthene-d10	18.93	212	31249	1.55	ng		0.00
31) Terphenyl-d14	19.55	244	26658	1.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	4570	1.826	ng		99
3) n-Nitrosodimethylamine	3.54	42	2533	1.814	ng	#	95
6) bis(2-Chloroethyl)ether	6.97	93	8481	1.580	ng		95
9) Naphthalene	10.30	128	29208	1.616	ng		98
10) Hexachlorobutadiene	10.61	225	7098	1.629	ng	#	100
12) 2-Methylnaphthalene	11.93	142	19411	1.603	ng		98
16) Acenaphthylene	13.85	152	26330	1.668	ng		99
17) Acenaphthene	14.20	154	17540	1.654	ng		99
18) Fluorene	15.20	166	21819	1.613	ng		100
20) 4,6-Dinitro-2-methylphenol	15.30	198	1456	1.368	ng	#	44
21) 4-Bromophenyl-phenylether	16.09	248	7104	1.617	ng	#	79
22) Hexachlorobenzene	16.20	284	7772	1.599	ng		97
23) Atrazine	16.37	200	4994	1.537	ng		96
24) Pentachlorophenol	16.56	266	2301	1.497	ng		95
25) Phenanthrene	16.93	178	33709	1.574	ng		100
26) Anthracene	17.02	178	28744	1.617	ng		99
28) Fluoranthene	18.96	202	38602	1.577	ng		99
30) Pyrene	19.33	202	38098	1.591	ng		99
32) Benzo(a)anthracene	21.09	228	34431	1.597	ng		99
33) Chrysene	21.14	228	39541	1.683	ng		98
34) Bis(2-ethylhexyl)phthalate	21.05	149	12973	1.497	ng		99
35) Indeno(1,2,3-cd)pyrene	25.35	276	40537	1.551	ng		99
37) Benzo(b)fluoranthene	22.62	252	37401	1.691	ng	#	90
38) Benzo(k)fluoranthene	22.66	252	38973	1.694	ng	#	90
39) Benzo(a)pyrene	23.15	252	31818	1.619	ng	#	86
40) Dibenzo(a,h)anthracene	25.36	278	32932	1.555	ng	#	90
41) Benzo(g,h,i)perylene	25.98	276	34812	1.586	ng		97

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

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