Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061920\
Data File : BN011000.D
Acq On : 20 Jun 2020 11:35
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Jun 22 00:31:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 19 12:43:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	2423	0.40	ng		0.00
7) Naphthalene-d8	10.28	136	8446	0.40	ng		0.00
13) Acenaphthene-d10	14.15	164	4793	0.40	ng		-0.01
19) Phenanthrene-d10	16.90	188	11315	0.40	ng		0.00
27) Chrysene-d12	21.11	240	9460	0.40	ng		-0.01
34) Perylene-d12	23.26	264	8546	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.18	112	2156	0.46	ng		0.00
5) Phenol-d6	6.73	99	2482	0.45	ng		0.00
8) Nitrobenzene-d5	8.67	82	2728	0.44	ng		0.00
11) 2-Methylnaphthalene-d10	11.87	152	5470	0.42	ng		0.00
14) 2,4,6-Tribromophenol	15.65	330	691	0.40	ng		0.00
15) 2-Fluorobiphenyl	12.78	172	7937	0.42	ng		0.00
25) Fluoranthene-d10	18.94	212	10793	0.35	ng		0.00
29) Terphenyl-d14	19.56	244	8379	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.21	88	1181	0.498	ng		97
3) n-Nitrosodimethylamine	3.54	42	675	0.489	ng	#	88
6) bis(2-Chloroethyl)ether	6.98	93	2524	0.470	ng		94
9) Naphthalene	10.33	128	8921	0.420	ng		99
10) Hexachlorobutadiene	10.62	225	2260	0.431	ng	#	96
12) 2-Methylnaphthalene	11.95	142	6000	0.422	ng		100
16) Acenaphthylene	13.87	152	8165	0.416	ng		100
17) Acenaphthene	14.21	154	5503	0.411	ng		99
18) Fluorene	15.21	166	7142	0.414	ng		98
20) 4-Bromophenyl-phenylether	16.10	248	2677	0.394	ng	#	83
21) Hexachlorobenzene	16.22	284	2839	0.400	ng		98
22) Pentachlorophenol	16.57	266	858	0.360	ng		96
23) Phenanthrene	16.94	178	12161	0.394	ng		99
24) Anthracene	17.04	178	9442	0.366	ng		99
26) Fluoranthene	18.97	202	12136	0.346	ng		99
28) Pyrene	19.34	202	12073	0.386	ng		99
30) Benzo(a)anthracene	21.10	228	11380	0.409	ng		99
31) Chrysene	21.15	228	12883	0.398	ng		97
32) Bis(2-ethylhexyl)phthalate	21.06	149	4044	0.436	ng		96
33) Indeno(1,2,3-cd)pyrene	25.36	276	13772	0.380	ng	#	96
35) Benzo(b)fluoranthene	22.63	252	11174	0.385	ng		98
36) Benzo(k)fluoranthene	22.67	252	12037	0.389	ng		99
37) Benzo(a)pyrene	23.17	252	10094	0.405	ng		98
38) Dibenzo(a,h)anthracene	25.37	278	11242	0.396	ng		97
39) Benzo(g,h,i)perylene	26.00	276	11711	0.394	ng		99

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

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