Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091620\
Data File : BN011817.D
Acq On : 16 Sep 2020 17:30
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Sep 16 17:59:14 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 16 17:28:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	2428	0.40	ng		0.00
7) Naphthalene-d8	10.50	136	9323	0.40	ng		0.00
13) Acenaphthene-d10	14.36	164	5375	0.40	ng		0.00
19) Phenanthrene-d10	17.11	188	11675	0.40	ng		0.00
29) Chrysene-d12	21.30	240	15612	0.40	ng		0.00
36) Perylene-d12	23.56	264	15393	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.31	112	3110	0.46	ng		0.00
5) Phenol-d6	6.89	99	4109	0.48	ng		0.00
8) Nitrobenzene-d5	8.87	82	3885	0.38	ng		0.01
11) 2-Methylnaphthalene-d10	12.10	152	6360	0.36	ng		0.00
14) 2,4,6-Tribromophenol	15.86	330	1080	0.37	ng		0.00
15) 2-Fluorobiphenyl	12.98	172	9117	0.38	ng		0.00
27) Fluoranthene-d10	19.15	212	13718	0.36	ng		0.00
31) Terphenyl-d14	19.75	244	27331	0.65	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	1415	0.423	ng	#	91
3) n-Nitrosodimethylamine	3.58	42	1686	0.322	ng	#	62
6) bis(2-Chloroethyl)ether	7.15	93	3067	0.435	ng		99
9) Naphthalene	10.55	128	10106	0.379	ng		99
10) Hexachlorobutadiene	10.85	225	2204	0.342	ng	#	100
12) 2-Methylnaphthalene	12.17	142	7000	0.366	ng		96
16) Acenaphthylene	14.08	152	9654	0.360	ng		99
17) Acenaphthene	14.42	154	7013	0.370	ng		97
18) Fluorene	15.41	166	8584	0.360	ng		100
20) 4,6-Dinitro-2-methylphenol	15.49	198	918	0.350	ng		99
21) 4-Bromophenyl-phenylether	16.30	248	2569	0.348	ng	#	71
22) Hexachlorobenzene	16.42	284	3285	0.379	ng		94
23) Atrazine	16.57	200	2625	0.385	ng	#	90
24) Pentachlorophenol	16.76	266	1770	0.485	ng		97
25) Phenanthrene	17.15	178	14294	0.376	ng		100
26) Anthracene	17.24	178	13047	0.382	ng		99
28) Fluoranthene	19.17	202	22334	0.471	ng	#	99
30) Pyrene	19.54	202	23217	0.420	ng		100
32) Benzo(a)anthracene	21.29	228	26012	0.457	ng		100
33) Chrysene	21.35	228	27757	0.465	ng		100
34) Bis(2-ethylhexyl)phthalate	21.23	149	11372	0.446	ng		98
35) Indeno(1,2,3-cd)pyrene	25.82	276	34256	0.437	ng		98
37) Benzo(b)fluoranthene	22.88	252	29053	0.458	ng	#	97
38) Benzo(k)fluoranthene	22.93	252	28657	0.451	ng	#	97
39) Benzo(a)pyrene	23.46	252	25452	0.457	ng	#	95
40) Dibenzo(a,h)anthracene	25.83	278	28718	0.446	ng		98
41) Benzo(g,h,i)perylene	26.51	276	28582	0.445	ng	#	97

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

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