Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091520\
Data File : BN011810.D
Acq On : 15 Sep 2020 21:05
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Sep 16 02:14:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 15 14:55:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	2144	0.40	ng		0.00
7) Naphthalene-d8	10.50	136	8074	0.40	ng		0.00
13) Acenaphthene-d10	14.36	164	4643	0.40	ng		0.00
19) Phenanthrene-d10	17.10	188	10346	0.40	ng		0.00
29) Chrysene-d12	21.30	240	14503	0.40	ng		-0.01
36) Perylene-d12	23.56	264	14472	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.31	112	2634	0.44	ng		0.00
5) Phenol-d6	6.89	99	3456	0.45	ng		0.00
8) Nitrobenzene-d5	8.86	82	3239	0.36	ng		-0.01
11) 2-Methylnaphthalene-d10	12.10	152	5658	0.37	ng		0.00
14) 2,4,6-Tribromophenol	15.85	330	917	0.36	ng		0.00
15) 2-Fluorobiphenyl	12.97	172	7747	0.37	ng		-0.01
27) Fluoranthene-d10	19.15	212	12197	0.36	ng		0.00
31) Terphenyl-d14	19.75	244	24282	0.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	1142	0.380	ng		98
3) n-Nitrosodimethylamine	3.58	42	1571	0.339	ng	#	71
6) bis(2-Chloroethyl)ether	7.14	93	2746	0.441	ng		99
9) Naphthalene	10.55	128	8942	0.387	ng		100
10) Hexachlorobutadiene	10.85	225	1958	0.351	ng	#	100
12) 2-Methylnaphthalene	12.17	142	6146	0.371	ng		96
16) Acenaphthylene	14.08	152	8308	0.359	ng		100
17) Acenaphthene	14.42	154	6050	0.369	ng		98
18) Fluorene	15.41	166	7425	0.360	ng		99
20) 4,6-Dinitro-2-methylphenol	15.49	198	838	0.360	ng		91
21) 4-Bromophenyl-phenylether	16.31	248	2254	0.344	ng		98
22) Hexachlorobenzene	16.42	284	2861	0.373	ng		95
23) Atrazine	16.58	200	2283	0.378	ng		98
24) Pentachlorophenol	16.76	266	1517	0.469	ng		97
25) Phenanthrene	17.15	178	12504	0.371	ng		99
26) Anthracene	17.24	178	11413	0.377	ng		99
28) Fluoranthene	19.18	202	19484	0.464	ng	#	99
30) Pyrene	19.54	202	20236	0.394	ng		100
32) Benzo(a)anthracene	21.29	228	23434	0.443	ng		99
33) Chrysene	21.34	228	25378	0.458	ng		100
34) Bis(2-ethylhexyl)phthalate	21.23	149	9979	0.421	ng		100
35) Indeno(1,2,3-cd)pyrene	25.81	276	32290	0.444	ng		98
37) Benzo(b)fluoranthene	22.88	252	26924	0.451	ng	#	96
38) Benzo(k)fluoranthene	22.93	252	27343	0.457	ng	#	97
39) Benzo(a)pyrene	23.46	252	23670	0.452	ng	#	96
40) Dibenzo(a,h)anthracene	25.82	278	27310	0.451	ng	#	98
41) Benzo(g,h,i)perylene	26.50	276	26962	0.446	ng		98

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

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