Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122220\
Data File : BN013243.D
Acq On : 21 Dec 2020 18:40
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Dec 22 01:05:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 18 16:11:20 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.330	152	847	0.40	ng		-0.02
7) Naphthalene-d8	10.099	136	3054	0.40	ng		#-0.01
13) Acenaphthene-d10	13.991	164	1707	0.40	ng		-0.01
19) Phenanthrene-d10	16.763	188	4082	0.40	ng		#-0.01
29) Chrysene-d12	20.995	240	4302	0.40	ng		#-0.01
36) Perylene-d12	23.085	264	5056	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	4.954	112	1300	0.37	ng		0.00
5) Phenol-d6	6.541	99	1440	0.41	ng		0.00
8) Nitrobenzene-d5	8.502	82	1205	0.38	ng		-0.03
11) 2-Methylnaphthalene-d10	11.702	152	2523	0.47	ng		-0.02
14) 2,4,6-Tribromophenol	15.526	330	405	0.38	ng		-0.01
15) 2-Fluorobiphenyl	12.608	172	2493	0.35	ng		-0.03
27) Fluoranthene-d10	18.811	212	7025	0.52	ng		0.00
31) Terphenyl-d14	19.432	244	3812	0.35	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.933	88	650	0.44	ng		93
3) n-Nitrosodimethylamine	3.263	42	727	0.30	ng	#	70
6) bis(2-Chloroethyl)ether	6.782	93	845	0.39	ng	#	84
9) Naphthalene	10.137	128	3344	0.36	ng	#	96
10) Hexachlorobutadiene	10.416	225	654	0.33	ng	#	100
12) 2-Methylnaphthalene	11.777	142	1957	0.31	ng		96
16) Acenaphthylene	13.712	152	3241	0.36	ng		99
17) Acenaphthene	14.054	154	2038	0.36	ng		91
18) Fluorene	15.069	166	2776	0.37	ng		99
20) 4,6-Dinitro-2-methylph...	15.209	198	215	0.38	ng	#	1
21) 4-Bromophenyl-phenylether	16.021	248	133	0.17	ng	#	83
22) Hexachlorobenzene	16.070	284	919	0.33	ng		94
23) Atrazine	16.252	200	816	0.33	ng		93
24) Pentachlorophenol	16.435	266	412	0.35	ng		96
25) Phenanthrene	16.800	178	4542	0.34	ng		99
26) Anthracene	16.897	178	4034	0.34	ng		99
28) Fluoranthene	18.841	202	5765	0.36	ng	#	98
30) Pyrene	19.213	202	5976	0.36	ng		100
32) Benzo(a)anthracene	20.984	228	5244	0.35	ng		98
33) Chrysene	21.038	228	5891	0.37	ng		98
34) Bis(2-ethylhexyl)phtha...	20.921	149	3757	0.22	ng		97
35) Indeno(1,2,3-cd)pyrene	25.125	276	7894	0.36	ng		96
37) Benzo(b)fluoranthene	22.473	252	6377	0.36	ng	#	87
38) Benzo(k)fluoranthene	22.514	252	6842	0.34	ng	#	90
39) Benzo(a)pyrene	22.996	252	6432	0.36	ng	#	83
40) Dibenzo(a,h)anthracene	25.136	278	6613	0.34	ng	#	89
41) Benzo(g,h,i)perylene	25.741	276	7040	0.34	ng	#	91

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

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