Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121120\
Data File : BN013072.D
Acq On : 12 Dec 2020 02:56
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Dec 12 04:44:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 11 01:53:51 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.370	152	669	0.40	ng		0.00
7) Naphthalene-d8	10.137	136	2115	0.40	ng		# 0.00
13) Acenaphthene-d10	14.029	164	1293	0.40	ng		0.00
19) Phenanthrene-d10	16.800	188	2814	0.40	ng		# 0.00
29) Chrysene-d12	21.016	240	2769	0.40	ng		# 0.00
36) Perylene-d12	23.116	264	3187	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	4.986	112	1132	0.47	ng		0.00
5) Phenol-d6	6.565	99	1151	0.42	ng		0.00
8) Nitrobenzene-d5	8.528	82	901	0.40	ng		0.00
11) 2-Methylnaphthalene-d10	11.742	152	1530	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.551	330	305	0.36	ng		0.00
15) 2-Fluorobiphenyl	12.646	172	2244	0.39	ng		0.00
27) Fluoranthene-d10	18.841	212	3456	0.37	ng		0.00
31) Terphenyl-d14	19.461	244	2851	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.957	88	628	0.42	ng	#	87
3) n-Nitrosodimethylamine	3.295	42	814	0.46	ng	#	88
6) bis(2-Chloroethyl)ether	6.822	93	703	0.38	ng		94
9) Naphthalene	10.175	128	2648	0.41	ng	#	93
10) Hexachlorobutadiene	10.454	225	608	0.43	ng	#	99
12) 2-Methylnaphthalene	11.822	142	1760	0.40	ng		98
16) Acenaphthylene	13.750	152	2643	0.38	ng		99
17) Acenaphthene	14.092	154	1715	0.39	ng		91
18) Fluorene	15.095	166	2230	0.38	ng		99
20) 4,6-Dinitro-2-methylph...	15.234	198	167	0.33	ng	#	1
21) 4-Bromophenyl-phenylether	16.021	248	270	0.41	ng		92
22) Hexachlorobenzene	16.106	284	862	0.42	ng		97
23) Atrazine	16.288	200	608	0.36	ng	#	92
24) Pentachlorophenol	16.471	266	301	0.35	ng		94
25) Phenanthrene	16.836	178	3479	0.38	ng		99
26) Anthracene	16.933	178	3035	0.37	ng		100
28) Fluoranthene	18.870	202	4204	0.37	ng		100
30) Pyrene	19.238	202	4276	0.41	ng		99
32) Benzo(a)anthracene	21.006	228	3576	0.35	ng		98
33) Chrysene	21.059	228	4406	0.42	ng		99
34) Bis(2-ethylhexyl)phtha...	20.942	149	1920	0.31	ng		97
35) Indeno(1,2,3-cd)pyrene	25.163	276	5939	0.42	ng		97
37) Benzo(b)fluoranthene	22.496	252	4746	0.39	ng	#	89
38) Benzo(k)fluoranthene	22.537	252	5134	0.40	ng	#	90
39) Benzo(a)pyrene	23.027	252	4661	0.40	ng	#	81
40) Dibenzo(a,h)anthracene	25.180	278	5112	0.41	ng	#	91
41) Benzo(g,h,i)perylene	25.786	276	5461	0.41	ng		95

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

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