Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102920\
Data File : BN012431.D
Acq On : 29 Oct 2020 10:54
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Oct 29 12:04:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN102620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 28 10:32:42 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.578	152	753	0.40	ng		0.00
7) Naphthalene-d8	10.339	136	2915	0.40	ng		#-0.01
13) Acenaphthene-d10	14.217	164	1611	0.40	ng		0.00
19) Phenanthrene-d10	16.968	188	3407	0.40	ng		# 0.00
29) Chrysene-d12	21.184	240	3450	0.40	ng		# 0.01
36) Perylene-d12	23.350	264	3909	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.186	112	939	0.36	ng		0.00
5) Phenol-d6	6.757	99	1096	0.35	ng		0.00
8) Nitrobenzene-d5	8.729	82	1109	0.34	ng		0.00
11) 2-Methylnaphthalene-d10	11.949	152	1659	0.35	ng		0.00
14) 2,4,6-Tribromophenol	15.727	330	398	0.35	ng		0.00
15) 2-Fluorobiphenyl	12.834	172	2196	0.37	ng		-0.01
27) Fluoranthene-d10	19.013	212	3758	0.36	ng		0.00
31) Terphenyl-d14	19.623	244	2892	0.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.173	88	467	0.38	ng	#	89
3) n-Nitrosodimethylamine	3.487	42	1018	0.34	ng	#	72
6) bis(2-Chloroethyl)ether	7.015	93	706	0.33	ng	#	87
9) Naphthalene	10.390	128	2967	0.36	ng		96
10) Hexachlorobutadiene	10.681	225	637	0.37	ng	#	98
12) 2-Methylnaphthalene	12.024	142	1900	0.36	ng	#	88
16) Acenaphthylene	13.938	152	2855	0.36	ng		99
17) Acenaphthene	14.281	154	1825	0.36	ng		87
18) Fluorene	15.270	166	2343	0.36	ng		98
20) 4,6-Dinitro-2-methylph...	15.385	198	267	0.34	ng	#	1
21) 4-Bromophenyl-phenylether	16.177	248	713	0.35	ng		94
22) Hexachlorobenzene	16.275	284	895	0.36	ng	#	82
23) Atrazine	16.445	200	708	0.36	ng	#	91
24) Pentachlorophenol	16.628	266	394	0.34	ng		96
25) Phenanthrene	17.005	178	3488	0.35	ng		98
26) Anthracene	17.102	178	3141	0.34	ng		98
28) Fluoranthene	19.042	202	4207	0.36	ng		98
30) Pyrene	19.405	202	4320	0.37	ng		99
32) Benzo(a)anthracene	21.163	228	3746	0.36	ng		98
33) Chrysene	21.216	228	4182	0.36	ng		98
34) Bis(2-ethylhexyl)phtha...	21.099	149	2446	0.36	ng		94
35) Indeno(1,2,3-cd)pyrene	25.510	276	5887	0.35	ng	#	95
37) Benzo(b)fluoranthene	22.703	252	4380	0.36	ng	#	89
38) Benzo(k)fluoranthene	22.748	252	4769	0.35	ng	#	88
39) Benzo(a)pyrene	23.258	252	4252	0.36	ng	#	82
40) Dibenzo(a,h)anthracene	25.531	278	4740	0.35	ng	#	87
41) Benzo(g,h,i)perylene	26.171	276	4964	0.35	ng		96

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

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