Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092920\
Data File : BN012022.D
Acq On : 29 Sep 2020 16:12
Operator : CG/JU
Sample : L4169-01MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : H-1MS

Quant Time: Sep 29 17:49:15 2020
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 29 10:58:58 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.675	152	1415	0.40	ng		0.00
7) Naphthalene-d8	10.440	136	6015	0.40	ng		# 0.00
13) Acenaphthene-d10	14.306	164	3399	0.40	ng		0.00
19) Phenanthrene-d10	17.041	188	6544	0.40	ng		#-0.01
29) Chrysene-d12	21.248	240	6460	0.40	ng		# 0.00
36) Perylene-d12	23.456	264	6912	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.283	112	849	0.17	ng		0.00
5) Phenol-d6	6.845	99	672	0.11	ng		0.00
8) Nitrobenzene-d5	8.805	82	1767	0.28	ng		-0.01
11) 2-Methylnaphthalene-d10	12.038	152	2480	0.26	ng		0.00
14) 2,4,6-Tribromophenol	15.791	330	603	0.37	ng		0.00
15) 2-Fluorobiphenyl	12.923	172	3620	0.28	ng		0.00
27) Fluoranthene-d10	19.082	212	6576	0.34	ng		0.00
31) Terphenyl-d14	19.688	244	6047	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.254	88	307	0.12	ng	#	1
3) n-Nitrosodimethylamine	3.551	42	1061	0.30	ng	#	54
6) bis(2-Chloroethyl)ether	7.103	93	1244	0.23	ng	#	87
9) Naphthalene	10.491	128	10494	0.61	ng		99
10) Hexachlorobutadiene	10.782	225	640	0.23	ng	#	96
12) 2-Methylnaphthalene	12.109	142	5844	0.53	ng	#	91
16) Acenaphthylene	14.014	152	4321	0.26	ng		98
17) Acenaphthene	14.357	154	5724	0.51	ng		96
18) Fluorene	15.347	166	7167	0.52	ng		100
20) 4,6-Dinitro-2-methylph...	15.435	198	525	0.42	ng	#	51
21) 4-Bromophenyl-phenylether	16.250	248	993	0.29	ng	#	85
22) Hexachlorobenzene	16.360	284	1049	0.26	ng	#	75
23) Atrazine	16.518	200	1189	0.36	ng		97
24) Pentachlorophenol	16.700	266	2212	1.12	ng		97
25) Phenanthrene	17.090	178	18668	0.93	ng		99
26) Anthracene	17.175	178	7424	0.42	ng		98
28) Fluoranthene	19.112	202	11086	0.49	ng	#	97
30) Pyrene	19.479	202	10302	0.43	ng		98
32) Benzo(a)anthracene	21.227	228	7003	0.34	ng		98
33) Chrysene	21.280	228	7102	0.32	ng		98
34) Bis(2-ethylhexyl)phtha...	21.174	149	7947	0.54	ng	#	90
35) Indeno(1,2,3-cd)pyrene	25.661	276	8951	0.35	ng	#	93
37) Benzo(b)fluoranthene	22.796	252	7352	0.31	ng	#	79
38) Benzo(k)fluoranthene	22.837	252	7674	0.30	ng	#	80
39) Benzo(a)pyrene	23.357	252	6494	0.30	ng	#	74
40) Dibenzo(a,h)anthracene	25.678	278	7230	0.32	ng	#	85
41) Benzo(g,h,i)perylene	26.338	276	7884	0.32	ng	#	94

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

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