Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092920\
Data File : BN012023.D
Acq On : 29 Sep 2020 16:49
Operator : CG/JU
Sample : L4169-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : H-1MSD

Quant Time: Sep 29 17:49:34 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	1451	0.40	ng		# 0.00
7) Naphthalene-d8	10.440	136	6358	0.40	ng		# 0.00
13) Acenaphthene-d10	14.306	164	3512	0.40	ng		0.00
19) Phenanthrene-d10	17.041	188	6999	0.40	ng		#-0.01
29) Chrysene-d12	21.248	240	6729	0.40	ng		# 0.00
36) Perylene-d12	23.456	264	7083	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.283	112	865	0.17	ng		0.00
5) Phenol-d6	6.845	99	722	0.11	ng		0.00
8) Nitrobenzene-d5	8.818	82	1599	0.24	ng		0.00
11) 2-Methylnaphthalene-d10	12.038	152	2278	0.23	ng		0.00
14) 2,4,6-Tribromophenol	15.790	330	589	0.35	ng		0.00
15) 2-Fluorobiphenyl	12.923	172	3643	0.27	ng		0.00
27) Fluoranthene-d10	19.082	212	6617	0.32	ng		0.00
31) Terphenyl-d14	19.688	244	7000	0.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.245	88	300	0.12	ng	#	1
3) n-Nitrosodimethylamine	3.551	42	833	0.23	ng	#	73
6) bis(2-Chloroethyl)ether	7.103	93	1137	0.21	ng		90
9) Naphthalene	10.491	128	10677	0.59	ng		99
10) Hexachlorobutadiene	10.782	225	570	0.19	ng	#	100
12) 2-Methylnaphthalene	12.109	142	5638	0.49	ng	#	93
16) Acenaphthylene	14.014	152	4019	0.24	ng		96
17) Acenaphthene	14.369	154	5742	0.50	ng		93
18) Fluorene	15.359	166	7705	0.54	ng		98
20) 4,6-Dinitro-2-methylph...	15.435	198	486	0.36	ng	#	31
21) 4-Bromophenyl-phenylether	16.250	248	916	0.25	ng	#	86
22) Hexachlorobenzene	16.360	284	1038	0.24	ng	#	79
23) Atrazine	16.518	200	1179	0.33	ng	#	93
24) Pentachlorophenol	16.700	266	2195	1.04	ng		100
25) Phenanthrene	17.090	178	21801	1.02	ng		99
26) Anthracene	17.175	178	7706	0.41	ng		98
28) Fluoranthene	19.112	202	12693	0.53	ng	#	97
30) Pyrene	19.479	202	11298	0.45	ng		98
32) Benzo(a)anthracene	21.227	228	6985	0.32	ng		98
33) Chrysene	21.280	228	7194	0.31	ng		99
34) Bis(2-ethylhexyl)phtha...	21.174	149	6610	0.43	ng	#	90
35) Indeno(1,2,3-cd)pyrene	25.667	276	8511	0.32	ng	#	93
37) Benzo(b)fluoranthene	22.796	252	6989	0.29	ng	#	80
38) Benzo(k)fluoranthene	22.837	252	7665	0.29	ng	#	78
39) Benzo(a)pyrene	23.360	252	6340	0.28	ng	#	75
40) Dibenzo(a,h)anthracene	25.678	278	7062	0.31	ng	#	86
41) Benzo(g,h,i)perylene	26.338	276	7494	0.30	ng	#	93

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

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